



Contact

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Vinod Borole

Business & Technology Leader ~ Innovator & Strategist
Offering over 14 years of experience

Strategic IT professional gained experience in working with medium to large enterprises in various markets and a cross section of technologies, architecture, R&D, consulting, and designing software solutions

Domain Expertise: Cloud Computing, Networking, IOT, E-learning, Healthcare and Mobile

Location Preference: Pune/Mumbai/Bengaluru/Hyderabad

Education & Credentials

2003

BCS (Bachelor of Computer Science) from A.M College, University of Pune, India

2005

MCS (Master of Computer Science) from A.M College, University of Pune, India

Key Impact Areas



- Software Development
- Solution Optimization
- Strategic Planning
- Program Management
- Risk/ Incident Management
- Client Engagement
- Requirement Gathering
- Solution Architecture
- Agile Methodology
- Reporting & Documentation
- Team Management & Leadership

Executive Profile

- **Solutions Driver offering nearly 14 years of rich experience in IT industry** across Development & Implementation, Solution Architecture and Project Management in **Cloud computing, Investment Banking, E-learning, Healthcare domains**
- Proven excellence in **building Cloud native solutions on AWS, GCP**; solution with micro service architecture; migrating solution from monolith to micro service architecture; expertise in data structure, algorithms
- **Track record in managing overall SDLC** involving requirement analysis, system study, designing, architecture, testing, programming, coding, debugging, defect management, and documentation
- Conferred with **multiple rewards and recognition including various Game Changer Awards, Excellence awards** & so on in GS Lab and Harbinger Group
- **Proficient in presenting proposals** to clients, providing solution strategy (pre-sales) support encompassing briefing on client feedback / insights to help them in developing customer-specific strategies; hands-on experience in working on **Agile, Waterfall, and Scrum Methodologies**
- Gained exposure in understanding **scalable architecture & performance impacts**, business processes, studying and analyzing workflow to design solutions (As-Is, To-Be, & Solutioning / Freezing) and preparing requirement & testing documents and conducting GAP analysis, User Acceptance Testing (UAT)
- Exposure in dealing with major clients such as Extreme Networks, Cisco, Credit Suisse
- **Skilled in technical project management** including scheduling with clients for iterative product development and delivery, balancing work distribution to meet project deliverables & delivery timelines

Key Skills

Communicator Collaborator
Intuitive Innovator
Leader Analytical
Motivator
Team Builder
Innovator Proactive
Thinker

Career Timeline



IT Skills

- **Programming Language:** GoLang, Java, Python
- **Web Technologies:** Responsive HTML5 Applications, AngularJS, REST, Jersey, Spring Frameworks, OAuth, JQuery, Widgets
- **Database/Storage Tier:** JPA/Hibernate, Lucene/SOLR
- **Architecture Styles:** Microservice, Monolith, Clean Code architecture, MVC, SOA
- **DevOps Skills:** Docker, Kubernetes, Jenkins, CI/CD Implementation, ELK stack
- **AWS Cloud Skills:** AWS Ec2, S3, RDS, IAM, Route53, ECS, Lambda functions
- **GCP Cloud Skills:** Appengine, Compute Engine, Kubernetes engine, Cloud Pub/Sub, BigTable, Storage
- **Messaging Integrations:** Kafka, Rabbit MQ, JMS
- **Web services:** REST, SOAP, WSDL, AMQP
- **Database:** MySQL, Oracle, MongoDB, Postgresql, Cassandra, Elastic search
- **Domain:** Cloud Computing, Investment Banking, E-learning, Healthcare

Notable Accomplishments Across The Career

GS Lab

- Conferred with multiple awards such as:
 - **Game Changer Award 2018**
 - **Game Changer Award 2016**
 - **Multiple Pat on the Backs**
 - **Open Sorcerer Award 2016**
- Received **Token of Appreciation for completing 5 years in the organization**

Harbinger Group

- Received:
 - **Excellence in Software Design in 2012**
 - **Excellence in Project Leadership 2011**
 - **Most Committed Contributor of the Year in 2008**
 - **Excellence in Technical Writing 2008**
 - **Excellence in software development in 2007**
- Conferred with **Token of Appreciation for completing 5 years in the organization**

Others:

- Spearheaded **Open Source Contribution “<https://github.com/vinodborole>” across organization**
- Exhibited proactive open source contribution for openstack4j as a core member managing releases, issues and PR's
- Developed multiple applications from car, bike pooling to cloud cost optimization for the organization
- Participated in:
 - Meet Ups, Technical conferences across the city
 - Writing Blogs, Case studies for company focus areas

Professional Experience

Since Aug'14

GS Lab, Pune as Software Architect

Mar'14 – Aug'14

Cognizant Technology Solutions, Pune as Senior Associate - Projects

Dec'05 – Feb'14

Harbinger Group, Pune as Senior Tech Lead

Key Result Areas:

- Spearheading the entire project team entailing managing deliverables of other functional Team Leaders; managing large and complex projects or multiple components of a large project involving more than one company's product
- Interfacing with internal/external clients to determine specific requirements & expectations; meeting/exceeding client expectations as a quality indicator
- Executing iterative application development projects using Agile methodologies
- Creating complex engineering applications over a period of time, while adhering to the software development process and security procedures
- Leading the design, documentation, implementation & maintenance of several applications that are a part of the product suites, consisting of the main server application
- Articulating a software design process to translate business requirements into technical design documents to enhance quality control and output that was 'right the first time'
- Building robust architecture (logical & physical) for different solutions by supervising security, performance, availability, compliance, scalability and maintainability aspects
- Steering efforts towards maintaining software development practices; adhering to company standards for coding and unit/functional test coverage
- Administering requirements gathering, collating functional & technical requirements; following up with clients throughout the project lifecycle to ensure full understanding of needs and concerns

- ▶ Managing all phases of the project lifecycle inclusive of scoping, development, integration, deployment, testing, maintenance and production support; ensuring timely completion & delivery of project to the client and extending support for multiple applications
- ▶ Facilitating expert knowledge of technical architecture and functioning as Subject Matter Expert to Senior Technology managers, Business, Operations and Technology Teams
- ▶ Directing and guiding directly to Sponsors, Business Analysts, Developers, Production Support and Customer Support Specialists
- ▶ Working closely with other architects, developers, customer experience, operations support and business product leads to develop and drive the data direction for many different domains and capabilities across the platform
- ▶ Providing functional & technical support in Functional, Integration, System, Performance, Regression, Security, End-to-End, User Acceptance and Database Testing
- ▶ Leading software development activities including design, development & troubleshooting of applications; conducting gap analysis including validation of needs in conjunction with onsite & offsite teams
- ▶ Undertaking development & testing, defect & issue management for software applications; conducting reviews of codes & test cases and analyzing change requests / enhancements
- ▶ Analyzing user requirements to identify trends and resolving performance issues
- ▶ Providing specifications according to which the solution is defined, managed, and delivered

Highlights:

- ▶ Mentored & coached the team on areas such as process performance, problem analysis, strategic thinking and developing new skills
- ▶ Pivotal in designing, developing as well as delivering **various enterprise application using micro service architecture in various technologies like GoLang, Python/Django and Java**
- ▶ Developed Cloud computing solutions **around AWS, Azure and GCP**

Certification

- ▶ Udemey Certification

Trainings Imparted

- ▶ Conducted in-house trainings on:
 - Clean Code Architecture
 - Enterprise Design Patterns
 - Data structures and Algorithms

Professional Affiliation

- ▶ Member of Technology Forum Group organization wide

Personal Details

Date of Birth: 23rd December 1984

Languages Known: English, Hindi & Marathi

LinkedIn: <http://in.linkedin.com/in/vinodborole>

~Refer to Annexure for Project Details~

Annexure

Project: IP Fabric Automation (Extreme Networks)
Technology: GoLang, Python, Postgresq, Kong, Docker Swarm
Project Description: The IP fabric architecture is targeted for large enterprises and data centers planning to migrate from traditional Layer 2 fabrics to a Layer 3 fabric. This software provides a Layer 3 Clos and Non Clos deployment architecture for data center sites.

Role & Responsibilities:

- Designed and architected Microservice architecture of the system
- Created technical design and specifications
- Engaged in coding and designing reviews
- Diagnosed various issues within integration

Project: Task Automator (QNAP Systems Inc.)
Technology: Golang, Python, Postgresql, Kafka Messaging, API Gateway, AWS Deployment,
Project Description: This Software allows to automate tasks by connecting different apps, devices and services in order to trigger one or more automations involving those apps, devices and services.

Project: Intercloud Fabric (Cisco)
Technology: Core Java, Tomcat, Openstack havana, Jclouds, Openstack4j
Project Description: It's a hybrid cloud solution that integrates with major open source cloud providers

Project: Trade Matching System Middleware (Credit Suisse)
Technology: Core Java, J2EE, Weblogic, Oracle 11, JMS, Webservice, Drools, Hibernate, JUnit, jBPM, IBM MQ7, Linux
Project Description: This application is catered to match the OTC trades that are captured through the TMS GUI

Role & Responsibilities:

- Provided:
 - Production support
 - RTB and CTB Support
- Assessed various issues within integration

Project: Integrated project and Workforce management (SSSI)
Technology: Java, Spring, Hibernate, Angular JS, Nginx, Tomcat, Postgresql , HTML5, Amazon AWS
Project Description: It's a SAAS product that helps Manage an entire organization with one integrated solution by maintaining data security. It gives you easy report generation abilities, and helps to consolidate any project information and deliverables. Following are the major modules of this product Timesheet, Expense and billing, Project management, Customer Relationship management, Talent/HR management, Contract Management, Purchase management

Role & Responsibilities:

- Formulated core components of the system and the SAAS approach
- Created core components and decided the dependency level
- Proposed technology solutions including their implementations
- Created technical design and specifications
- Studied and implemented Multitenant architecture
- Designed database for the team
- Coordinated with the QA Team for ensured quality of all deliverables
- Configured and maintained build management system Automation of seed data, SQL script execution
- Established the Amazon AWS deployment strategy

Project: Enterprise E-Commerce System (Cisco)
Technology: Java, Spring, REST, SOAP, Solr, MongoDB, Nginx, Liferay Portal, JQuery, HTML5, CSS
Project Description: It was an ecommerce solution for an enterprise customer that had millions of training material to be sold across the globe. The sales handled every aspect of an ecommerce solution right from defining the individual items for sale, price, discounts and coupon. Around this ecommerce solution, it defined an entitlement component that managed the authorization of a particular role in the system. Following an agile model of development it exposed the challenges behind story development and design challenges.

Role & Responsibilities:

- Implemented Spring portlet MVC including IOC/AOP
- Utilized:
 - Spring integration framework for messaging/task execution/queuing
 - Apache xfire as a web service framework for SOAP and REST APIs
- Integrated Ping Federate SSO solution
- Coordinated with the QA Team for ensuring quality of all deliverables

Project: Personalized Learning Environment (Cisco)
Technology: Java, J2EE, JSR 286 portal 2.0 specification, Spring portlet MVC,IOC, AOP, Hibernate, Spring JDBC, JSP, Velocity, JMS, Quartz jQuery, HTML5, CSS, MySQL, Ehcache, Haproxy, SAML 2.0. ePub 3, Apache xfire, LiferayPortal
Project Description: Legacy "Online Learning Store" does not offer Digital eKits to the Learning Partners, Students and Instructors in learning material. Content is only delivered in the form of "Printed Course Kits" in the traditional model and company envision to offer Education Services in digital format for ease of content distribution, management , updates, copy right protection across all device types, eliminating the need for carrying bulky printed material.

Existing solution serving diverse user base globally with various teaching and learning services across multiple languages and countries doesn't offer any digital eKit capabilities. Much of the content is distributed in printed format thereby losing the opportunity to leverage the user interactions and behavior patterns, resulting in poor user experience. The proposed solution will be called Personalized Learning Environment which caters benefits over problem statement below

Role & Responsibilities:

- Defined ePub 3 as content format
- Provided solutions to complex business scenarios such as clustered session management, life time access code, session management between heterogeneous applications
- Integrated with Learning store, different sub systems, Ping Federate SSO solution
- Designed and implemented DRM as well as maintained build management system
- Automated seed data, SQL script execution

Project: Enterprise Social Learning (Mzinga)

Technology: Java, ExtJS, JS, HTML5, CSS, Oracle 10g, Maverick, Spring, Resin

Project Description: Its next-generation learning and performance management modules enable you to create, manage, deliver, and measure formal and social learning programs, certification and compliance, skill gaps, and more in an environment that mirrors the way people actually learn.

Role & Responsibilities:

- Directed the custom, core, upgrade, reporting and support activities in the project
- Reviewed the proposed code fixes in tickets and provided solutions to complex issues
- Upgraded various enterprise customers
- Designed and implemented custom features as well as created technical design and specifications

Project: Enrollment for enterprise Medicare system (Voyager -Dynamic Healthcare solutions)

Technology: Java, JSP and Servlets, Java Script, Spring, SQL server, Tomcat, HTML, CSS, JQuery

Project Description: This Medicare system is built to meet the specific challenges of managing Medicare populations; member is any person who is diagnosed with a disease and is enrolled into a plan
Enrollment is process wherein a member is enrolled in a Medicare/Medicaid plan approved by CMS

Role & Responsibilities:

- Designed and implemented custom features
- Developed technical design and specifications

Project: Online Player (Thomsan Reuters)

Project Description: Online Player acts as SAAS based application which any client can use to launch and track e-learning courses from their in-house LMS. Established an SAAS based model that allowed any LMS vendor to get the same acquainted with the services provided by Online Player. The courses that Online player plays are designed as per standards set by Advanced Distributed Learning and AICC. These standards define communications between client side content and a host system called the run-time environment.

Technology: Java, Spring, Oracle 9i, IBM WebSphere, Tomcat, JQuery, SOAP

Role & Responsibilities:

- Implemented various modules from Online player
- Provided e-learning expertise on e-learning standards (AICC/SCORM)
- Managed code release