

Contact

www.linkedin.com/in/vvamsimohan
(LinkedIn)

Top Skills

Quantum Computing
Engineering Management
Cloud Computing

Certifications

IBM Certified Consultant in Rational Unified Process
IBM Certified Solution Designer in Object Oriented Analysis and Design
IBM Certified Rational Software Architect
The Open Group Certified Enterprise Architect
Embracing Change

Honors-Awards

Next 100 CIOs
Thought Leader (Top 10 global thought leader and influencer) on RPA, Climate Control and Data Centre Technologies
Thought Leader (Top 10 global thought leader and influencer) on Climate Control and Data Centre Technologies
CXO Excellence Award '2021
The Academic Award for Best Scientist for the Year 2021

Publications

Software Configuration Management for Production/Software Services
OnSite - OffShore Model for IT Projects
Detection and Prevention of SQL Injection Vulnerabilities in Web Applications: A Review
A Detection Framework for SQL Injections and Cross Site Scripting

Dr. Vamsi Mohan Vandrangi

Engineering Leader | Quantum Evangelist | Product Engineering
| Global Top 50 Technologists '2022 | Best Scientist of the Year |
Next100 CIOs | Thinkers360 top10 Thought Leaders | IIMA Alumnus
| TOGAF®

Bengaluru, Karnataka, India

Summary

Dr. Vamsi Mohan is a seasoned digital executive, engineering leader, and strategist. He has a distinguished career marked by accomplishments in leading and directing digital transformations across broad disciplines as a result of his progressively responsible experience. He is a leading practitioner in defining and implementing corporate, portfolio, and digital strategies, and their supporting target operating models with deep expertise in idea conceptualisation, go-to-market strategy, thought leadership, and product enablement.

His proven track record includes planning, implementation of new projects, and developing digital strategies that align with business needs while ensuring that projects and products meet customer needs and corporate goals. successful record of enabling growth and positioning companies as progressive enterprises through the strategic use of digital solutions and technology.

In fact, in several organizations, he played a major role in planning and directing strategic solutions to achieve business goals. He has diverse industry experience with proven success in driving digital transformations, enterprise architecture, and cybersecurity practices, developing practical strategies, and executing process-oriented initiatives. Organizations benefited from his strong sense of analysis, research and development, leadership skills, and ability to find solutions.

He loves making new professional acquaintances and is good at building scalable and high-performance engineering teams. Reach out if you want to discuss digital, consulting, cybersecurity, automation, business, strategy, or leadership.

Specialties:

• Product Engineering • Enterprise Architecture • Pre-sales and Solutions • Solution Design & Architecture • IT Advisory/Strategy • Innovation & IT Branding • Digital Strategy • Agile & DevOps • Cloud Computing • Data Science • Bigdata • Analytics • IoT and AI/ML • Blockchain • Global Delivery Management • Digital Consulting • Robotic Process Automation (UIPath)

Experience

Huber

Co-Founder and Chief Technology Officer

July 2021 - Present (1 year 8 months)

- Led end to end cloud native SaaS digital solutions by following cutting edge innovations, technologies, industry trends to create value added prototypes for developing customer fit solutions.
- Built a great digital Employee eXperience omni-channel platform using resilient micro-services with a high quality codebase, reusability, feature rich and futuristic approach.
- Directed and managed engineering resource allocation, schedules and budget ensured on time product releases enabling the core vision of next generation systems compliant with regulatory requirements
- Owned the Product roadmaps, planned the MVPs and platform releases considering the market demands and budget constraints
- Strategises and integrating different frameworks, co-working spaces and corporate networks through the API first and Inversion of Control (IoC) approaches.
- Develops enterprise-ready reusable repositories across engineering portfolios to lower efforts and faster time to market.
- Governed the engineering planning process, appropriately balancing data-driven analysis with appropriate decision-making to enable a faster product lifecycle according to the MVP releases

Tech Mahindra

Chief Architect & AI, Automation Practice Head - CME Europe

February 2018 - July 2021 (3 years 6 months)

Bengaluru Area, India

- Partnered with business and IT stakeholders to align with digital drivers and product strategy across various lines of businesses, and applies service-oriented architecture, microservices architecture patterns, and principles to deliver solution architecture artifacts.

- Developed solutions to complex enterprise problems that increase enterprise agility, system and process efficiencies and maximizes ROI. Exercise considerable judgment, trade-offs evaluation, and risk mitigation planning during the solution definition and delivery phases.
- Track industry trends and leverages them to drive innovation and solution excellence across various functional domains within the telecom space.
- Provided technical and solution leadership in delivering architecture artifacts that promote reusability, modularity, and scalability across the digital portfolio
- Contributed to the client innovation process, ensuring that developments in the TechM digital portfolios are considered and presented to the client where relevant
- Directed the creation of architectural transformation programs and ensures alignment with business, information, and technical requirements & determines standards and principles to ensure architecture developments within the entire architecture.

Trelleborg Sealing Solutions

Senior Engineering Manager : Digital Solutions & Technology COE

November 2011 - February 2018 (6 years 4 months)

Bangalore, India

- Led the Offshore Engineering & COE functions, responsible for the technology strategy, budget, architecture, implementation, and support of all digital, collaboration platforms. This includes responsibility for the IT Innovation, Branding, User Experience in Digital areas.
- Defined the outsourcing and centralization strategy for Application Development and Maintenance; demonstrating how the company could reap opportunities from the in/outsourcing.
- Championed use of Open Source capabilities and implemented Open Standards to reduce overall capital expenditures and increase intellectual property values.
- Provided advisory services to clients & business stakeholders and guided on Digital Solutions, EMM (AIRWATCH), and IT trends, opportunities & frameworks
- Headed the Technology Center of Excellence group that was focused on best practices, reusable architectures, and the definition and adoption of Open Source platforms. Successfully executed complex implementation on Machine Learning, Field Force Automation, RFID, using various frameworks, technologies, and standards.

- Evangelized and promoted digital innovation programs through shaping and 'selling' strategic programs and solutions to key customers (Trelleborg and Group Companies)
- Oversaw all aspects of the disposition process for all Presales including RFP responses, Solutioning, Estimations, and Contract negotiations.
- Architected and executed major signature programs on development of large-scale SOA enterprise engineering solutions from the stage of inception till deployment;
- Provided technical oversight and mentoring staff to increase the performance by utilizing best-practice methodologies, principles, and tools and ensuring best of breed market technologies and solutions to deliver excellent results
- Ensured high CSAT levels by conducting periodical meetings with Business stakeholders, engineering teams and Global-IT PMO

Wipro Technologies

Technology Consultant : Design & Architecture | Technology Management | Client Partner

February 2010 - October 2011 (1 year 9 months)

- Technical oversight of/mentoring to the development staff utilizing best-practice methodologies, principles, and tools.
- Solution Conceptualization and Expression, Effort Estimation, Techno-commercial Proposal Preparations, Conduct Workshops, Client Presentations.
- Contributed to design, design reviews, and code review audits of a group of projects to ensure high-quality deliverables.
- Ensuring high-quality deliverables with an effective project management process, on-time delivery of the product in an iterative model.
- Responsible for performing business process analysis, gathering and analyzing requirements, creating design specifications, test management, development, and production support.
- Perform extensive technical reviews for prospective projects, gathering details utilized for pricing project services, and providing supporting documentation for RFP replies to sponsors.
- Successfully multi-tasked between project management and technical leadership, Grown into Coordinator and Single Point of Contact (SPOC) for multiple global engagements with one of the leading telecom conglomerates.
- Ensured best-of-breed market technologies (Web, Mobile, and Infrastructure) and solutions to deliver excellent results.
- Managed evaluations of new technologies; perform POC's, feasibility studies.
- Designed and lead the implementation of enterprise system/software architectures that integrate commercial/custom applications, authentication

services, multi-tier components, performance acceleration servers, database services, search technologies, payment systems, and high availability systems.

Publicis Sapient

Technology Architect : Advisory | Consulting | Client Partner

June 2009 - February 2010 (9 months)

- Marshalled and implemented TDD (Test-driven development) and BDD (Behavior-driven development) frameworks for successful implementations.
- Drove operational improvement through definition & optimization of standard business application functionalities.
- Identified problem areas and facilitating solutions as needed by directing the focus of the technology owners and Architects and following through to closure.
- Performed POC's, feasibility studies, business process analysis and created design specifications for product support, drove efficiency & operational improvement through definition & optimization of standard business application functionality.

Satyam Computer services Limited

Solution Architecture Lead : Pre Sales & Solution Architecture | Business Transformations

January 2008 - June 2009 (1 year 6 months)

- Defined a 'reusable' system architecture considering the different aspects (e.g., split between HW/SW, database, architecture, and design commonality of components for different customers)
- Championed use of Open Source capabilities and implemented use of Open Standards to reduce overall capital expenditures and increase intellectual property value.
- Performed extensive technical reviews for prospective projects, gathering details utilized for pricing project services, and providing supporting documentation for RFP replies to sponsors.
- Improved reliability and quality of messaging service for internal, mission-critical response center applications.
- Establish and performed architectural checkpoints to ensure the overall system is being developed to meet short-term and long-term objectives.
- Provided technical direction for the overall system: define system architecture according to the standard defined architecture model and oversees all system and concept engineering activities (e.g., requirements definition) in a project.

- Evangelized the usage of reusable frameworks and artifacts, Create a knowledge base and evaluation criteria guides. Provide technical and functional training in relevant areas in order to develop top talent in the technology/domain.
- Evaluated and review Design Frameworks and Methodologies and approve the design in order to achieve functional and non-functional requirements and conformance to the architecture.
- Responsible for Domain/ Technical consultation to Pre-Sales, participate in proposal activities and discussions with customer and client visits as SME; participating in POCs, Architects and validates complex technical solution;
- Performed estimations and collateral consolidation, brings in alliance product offering to provide technology leadership and technical differentiation.

Atos Origin

Systems Analyst : Solution Design & Architecture | Consulting | Advisory | Pre-Sales

September 2005 - January 2008 (2 years 5 months)

Solution Design | System Analysis | Pre-Sales

- Designing and implementing strategies and IT solutions for meeting business requirements and growing business needs and implementing need-based suitable technologies aligned with the business.
- Establish and performed architectural checkpoints to ensure the overall system is being developed to meet short-term and long-term objectives.
- Requirement gathering from reverse engineering team (Mainframes), Analysis and Design
- Responsible for application design, architecture. Database Design and Modelling with UTF-8 and SJIS standards (internationalization)
- Design of information technology infrastructure solutions to meet customer business and (or) technical requirements by following global standard processes and architecture methodologies.
- Application design, code, and quality (performance) reviews. Client requirements and converting as technical design.
- Redesigned/Optimized the application with 100% improvement in performance and provided the ability to extend, reuse and maintain through proper OO design.

Puretech Digital

Sr. Software Engineer - Technology Solutions : Full Stack Development

September 2004 - September 2005 (1 year 1 month)

- Led and Participated in Joint Application Design and Development with the client and helped the Business Analysis teams with requirement gathering and requirement analysis.
- Analyzed heterogeneous data model and integrate it using XML-based Meta Data Transformation technology.
- Requirements gathered from reverse engineering teams, analyzed and designed the solutions to develop successful implementations using OO Model.
- Successfully adopted and driven application deployment processes, build and release processes and continuous integration (CI), automation, code & test coverage goals as part of organization initiative.
- Conceptualized, designed a complex workable Java EE solution for rolling login mechanism using Blowfish and developed an API framework using MD5 Encryption & Decryption as an alternative.
- Designed and lead the implementation of enterprise system/software architectures that integrate commercial/custom applications, authentication services, multi-tier components, performance acceleration servers, database services, search technologies, payment systems, and high availability systems.

Education

Indian Institute of Management Ahmedabad

Senior Management Program (EEP-SMP), Business Administration and Management, General

Andhra University, College of Engineering

Master's degree, Computer Science and Engineering

University of Delhi

Doctor of Philosophy (Ph.D.), Computer Science and Engineering