

Software Architect (15 years)

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Professional Summary

- Seasoned Software Architect and Technology Leader with over 15 years of experience in building scalable software solutions and leading cross-functional teams.
- Strong communicator with global client engagement experience and a focus on long-term technical sustainability.
- Hands-on architect with deep expertise in maintainable, integration-friendly system design and agile team structures.
- Led tech hiring and team growth for a US-based SaaS company, expanding the team tenfold and aligning product delivery with evolving customer needs.
- Demonstrated excellence in mentoring high-performing engineering teams and fostering leadership within tech organizations.
- Co-founded and scaled a software services firm, architecting enterprise-grade systems in smart metering, asset tracking, and mobile access.

Skills

Software Design Principles & Best Practices :	OOD, SOLID, KISS, DRY, YAGNI, Code Review, CI/CD, Versioning, Unit Tests
Programming Languages:	🔥 Java,  PHP,  JavaScript /  TypeScript,  C#,  Python,  HTML /  CSS
Development Tools & Frameworks:	Docker, Spring Boot, Laravel, React JS, Angular, Git, Jira, Jenkins, Swagger
Cyber Security:	Threats, Vulnerability Management, Defense-in-Depth, Zero Trust
Quantum Computing:	Linear algebra, Qiskit, Quantum Algorithms, Quantum Hardwares
Machine Learning:	Tensorflow, Keras, Open-CV, Mediapipe
Languages:	English (fluent), Malayalam (native), Hindi (proficient), Japanese(Learning)

Certifications & Licenses

U.S. Visa (B1)	Dec 2018 - Dec 2028
U.S. Embassy	Chennai, India
Certification in Quantum Computing and Machine Learning	Mar 2024 - Oct 2024
Indian Institute of Technology Delhi	New Delhi, India

Education

Bachelor of Technology (BTech), Computer Science

University of Kerala

Jul 2004 - Aug 2008

Thiruvananthapuram, Kerala, India

Experience

Director / Chief Software Architect Livares Technologies Pvt. Ltd. Feb 2009 - Present

- Have supervised and completed projects including up to 5 teams of Software Engineers, Hardware Engineers, and QAs(20 people).
- Serve as Software Architect for complex systems ranging from Smart Meter/Actuator management platform, to Enterprise Asset Tracking Systems, to mobile app for remote access, for our offshore clients.
- Plays crucial role in recruiting highly talented engineers and mentoring them to build teams of highly proficient and independant tech professionals.

Tech Team Lead Shelterluv Feb 2013 - Jun 2019

- I was responsible for building and managing the entire tech-team of this US based SaaS company.
- Scaled-up the team from a size of 2 people up to 20 Engineers, while also raising new leaders, to build an efficient reporting structure.
- I reported directly to the CEO of Shelterluv(Mr.Greg Lucas), and interacted with Product Managers in USA on a daily basis.
- Managed techincal debt continuously to ensure the SaaS product adapted quickly to changing customer needs while also maintaining overall technical quality.

Backend API Architect Vendiman Feb 2022 - Jul 2023

- Played crucial role in refactoring and rearchitecting the API service responsible for payment gateway integrations and automated processing of refunds.
- Helped investigation of elusive crashes in MySQL DB and narrowed down to the root cause recommended fix to the infra team.
- Fixed many bugs and performance issues in the automated refund processing.
- Architected backend micro services for the next generation Smart Vending platform of Vendiman that integrate Smart shelves with Computer Vision, and integrated several new payment options including UPI.

Software Analyst Level-B Attinad Software Pvt. Ltd. May 2012 - June 2013

- Lead a team of two app developers two backend developers and a QA, to ensure timely delivery of PoCs for newly onboarded client for the product, while also helping to manage client expectations for the Enterprise Mobility platform of Attinad Software.
- Refactored and optimized performance and fixed bugs in critical components of the software product.
- Implemented several new features in the product to accomodate changing demands from clients. The Enterprise class mobility platform helps to integrate various ERP backends to mobile applications in a very flexible and cost-effective way.