

# LAVANYA SETHURAMAN

Technical Manager | Lead Developer | Senior Software Engineer

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## PROFESSIONAL SUMMARY

Accomplished technology professional with over 9 years of experience in full-stack web and mobile application development. Proven ability to lead engineering teams, architect large-scale applications, and deliver high-quality, scalable software solutions. Strong expertise in React, Angular, Node.js, cloud technologies, and Agile methodologies. Seeking opportunities where I can drive innovation, mentor teams, and build business-critical systems that create measurable impact.

## TECHNICAL SKILLS

- Languages: JavaScript, TypeScript, SQL
- Frontend: NextJS, ReactJS, Angular, Redux, MobX, jQuery, Bootstrap, Material UI, Tailwind, Outsystems
- Backend: NodeJS, ExpressJS, NestJS, FeathersJS, REST APIs, Mainframe, Mulesoft, Salesforce
- Databases: Oracle, MongoDB, MySQL, MS SQL Server, DB2
- Cloud & DevOps: AWS, Openshift, Kubernetes, Docker, CI/CD, Netlify, Heroku, Vercel
- Testing: Jest, Mocha, Enzyme, Chai
- Tools: Gen AI, Github Copilot, Git, Jira, Bitbucket, GitLab, Figma, Zeplin, ServiceNow
- Methodologies: Agile, Scrum, TDD

## PROFESSIONAL EXPERIENCE

### Corpay – Senior Lead Developer (Oct 2021 – Present)

- Lead cross-functional teams of developers and QA engineers while actively contributing production-grade code for enterprise SaaS and mobile applications.
- Architect, design, and develop scalable React-based PWA applications using reusable components, modular architecture, and performance-optimized patterns.
- Build and maintain RESTful APIs and microservices using Node.js and Express.js, supporting front-end applications and third-party integrations.
- Translate business requirements into technical solutions by collaborating with Product and Design, creating implementation plans, user stories, prototypes, and conducting rigorous code reviews.
- Drive Agile execution including sprint planning, backlog grooming, release roadmaps, and ownership of CI/CD pipelines, build scripts, and bi-weekly production deployments.
- Mentor engineers and uphold engineering excellence through pair programming, architectural guidance, RCA, production troubleshooting, and modernization initiatives including migration to cloud-native, API-driven systems.

Technologies: React, AWS, Mainframe, Mulesoft, NextJS, NodeJS, ExpressJS, REST APIs, Hugo, CI/CD, Git,

## Microservices

### **Material In Motion – Software Engineer (Feb 2020 – Oct 2021)**

- Designed and implemented full-stack enterprise applications using Angular and React.
- Developed REST APIs and integrated third-party systems and internal tools.
- Built HR, workforce management, and operations applications improving productivity.

Technologies: Angular, React, Ionic, Kubernetes, Docker, NodeJS, Firebase, REST APIs

### **Banyan Hills Technologies – Software Engineer (Dec 2019 – Feb 2020)**

- Developed mobile banking demo applications using OutSystems platform.
- Collaborated with clients to gather requirements and deliver Agile-based solutions.

Technologies: OutSystems, JavaScript, HTML, CSS

### **Honeywell – Software Engineer (Nov 2018 – Nov 2019)**

- Built responsive aviation dashboards using React and NodeJS microservices.
- Developed automated test suites improving reliability and code quality.

Technologies: React, NodeJS, MobX, Jest, Mocha

### **Kodaris Inc – Front End Engineer (Mar 2018 – Oct 2018)**

- Developed Angular-based financial and recruitment web platforms.
- Built admin dashboards and enhanced customer onboarding experiences.

Technologies: Angular, Bootstrap, Material Design

### **Freelance Developer (2016 – 2018)**

- Developed project management tools and web applications using React and NodeJS.

## **EDUCATION - TRAININGS & CERTIFICATIONS**

- Bachelor of Engineering – VTU
- Thinkful – Intensive Full Stack Web Development
- Aptech – Higher Diploma in Software Engineering
- Microservices Fundamentals
- Deploying Microservices with Kubernetes
- OutSystems Training
- GitHub Copilot Training
- AWS Technical Essentials