LAVANYA SETHURAMAN

Senior Software Engineer | Lead Developer | Technical Manager

Atlanta, GA

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PROFESSIONAL SUMMARY

JavaScript | Next.js | React | Node.js | Cloud Architecture | Microservices | Technical Leadership

Senior JavaScript Engineer with 9+ years of experience architecting and delivering scalable web and enterprise applications using Next.js, React, Node.js, and cloud-native technologies. Proven leader of cross-functional engineering teams across the U.S. and India, owning architecture decisions, CI/CD pipelines, and production reliability. Strong background in microservices, performance optimization, and modern frontend architecture (SSR, SSG, PWA). Passionate about building high-performance systems, mentoring engineers, and driving technical excellence in fast-paced product environments.

TECHNICAL SKILLS

- Languages: JavaScript (ES6+), TypeScript, SQL, Java, Python
- Frontend: Next.js, React, Angular, React Native, Ionic, Flutter, Redux, Outsystems
- CSS Frameworks: Tailwind, Clsx, Bootstrap, Material UI, Semantic UI, Bulma
- Backend: Node.js, Express.js, NestJS, REST APIs, Microservices, Mainframe, Mulesoft, Salesforce
- Databases: MongoDB, PostgreSQL, Oracle, MySQL, MS SQL Server, DB2
- Cloud & DevOps: AWS (EC2, S3, Lambda), Docker, Kubernetes, OpenShift, CI/CD, Vercel, Render
- Testing: Jest, Mocha, Enzyme, Chai
- Tools: Gen AI, Github Copilot, Git, Jira, Bitbucket, GitLab, Figma, Zeplin, ServiceNow, Bugzilla
- Methodologies: Agile, Scrum, TDD, Code Reviews, System Design, Technical Leadership

PROFESSIONAL EXPERIENCE

Corpay – Senior Lead Developer (Oct 2021 – Present)

- Architected and developed scalable Next.js and React-based PWA applications using reusable component libraries and modular architecture.
- Designed and implemented Node.js microservices and RESTful APIs supporting enterprise systems and third-party integrations.
- Led migration from legacy systems to cloud-native, API-driven architecture improving scalability and maintainability.
- Optimized frontend performance through code splitting, lazy loading, and caching strategies to

improve load times and Web Vitals.
- Owned CI/CD pipelines, release management, and bi-weekly production deployments across multiple environments.
- Led end-to-end solution design by aligning business requirements with technical strategy and overseeing Agile execution, sprint ceremonies, backlog refinement, and release planning.
- Mentored engineers, conducted code reviews, and drove root cause analysis (RCA) for production incidents.

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

- Designed and built full-stack enterprise applications using Angular, Ionic, React, and Node.js.
- Developed REST APIs and integrated third-party systems to streamline HR and workforce operations.
- Deployed containerized applications using Docker and Kubernetes.

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

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

Honeywell – Software Engineer (Nov 2018 – Nov 2019)

- Developed aviation dashboards using React and Node.js microservices architecture.
- Built automated test suites using Jest and Mocha to improve reliability and regression coverage.

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

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

Freelance Developer (2016 – 2018)

- Developed full-stack web applications using React and Node.js for small business clients.

EDUCATION - TRAININGS & CERTIFICATIONS

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