

Murali Krishna Pasala

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PROFESSIONAL SUMMARY

Senior Full Stack Engineer with 10+ years of experience specializing in Node.js microservices, React, and AWS cloud solutions. Proven track record architecting scalable REST APIs, leading cross-functional teams of 4+ engineers, and implementing CI/CD pipelines. Expert in building enterprise-grade applications with JWT authentication, containerized deployments, and AWS Lambda. Combining deep technical expertise with leadership experience to deliver high-performance, maintainable solutions for enterprise clients.

TECHNICAL SKILLS

Backend & Microservices: Node.js, Express.js, AWS Lambda, REST APIs, JWT Authentication, Microservices Architecture

Frontend Technologies: React, Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS

Cloud & DevOps: AWS (Lambda, EC2, S3), Docker, Kubernetes, CI/CD Pipelines, Jenkins, Git

Databases & Tools: MySQL, Agile/Scrum, Python, Java, TDD, OWASP Security, Stripe Payment Integration

PROFESSIONAL EXPERIENCE

Senior Software Engineer

September 2025 – Present

VHL Technologies Inc

Hyderabad, India

- Design and deploy scalable full-stack solutions for enterprise clients including Citizenzbank with focus on system reliability and performance optimization in cloud and on-premise environments
- Lead technical discussions and mentor engineering team members while collaborating across departments to deliver high-quality products within agile development cycles

Fullstack Lead Software Engineer

Sep 2018 – Jan 2022, Dec 2023 – Sep 2025

Cisco Systems

Hyderabad, India

- Architected secure Gateway Admin API with Node.js implementing CRUD operations, JWT authentication, and role-based access control for SMS and Voice gateway administration platforms
- Established enterprise-grade logging and health check systems improving system reliability and reducing incident response time by 40%
- Implemented containerized microservices deployment using Docker and Kubernetes ensuring scalability and efficient integration with React-based micro-frontend architecture
- Built reusable component libraries and developed full-stack CPaaS administration platforms using Node.js, React, Angular, and Java with microservices architecture
- Implemented test-driven development practices achieving 85%+ code coverage for Node.js API services and collaborated with cross-functional teams to optimize application performance for enterprise clients

Tech Lead

January 2022 – December 2023

Opus Technologies

Hyderabad, India

- Led team of 4 engineers delivering web payment solutions using Node.js REST APIs, React, and AWS Lambda microservices with end-to-end project lifecycle management
- Designed and implemented robust Node.js backend APIs on AWS reducing deployment time by 35% and improving scalability for high-traffic payment processing
- Established CI/CD pipelines and coding standards resulting in 50% reduction in production bugs and improved team velocity through code reviews and sprint planning
- Managed client requirements gathering and stakeholder communication ensuring successful project delivery and strong client relationships

Software Engineer

February 2015 – September 2018

Charter Global & Tripod Technologies

Hyderabad, India

- Developed user interfaces using Angular 4, Hexo framework, and Bootstrap 4 for clients including Red Ventures, implementing responsive design principles that increased mobile traffic by 30%
- Built Java REST web services integrated with AngularJS frontend improving application scalability by 60% and enhancing end-to-end performance
- Created custom CSS framework adopted across multiple web applications ensuring design consistency and reducing development time organization-wide

EDUCATION

Bachelor of Technology in Computer Science and Engineering <i>Sai Spurthi Institute of Engineering and Technology</i>	2008 – 2012 <i>India</i>
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CERTIFICATIONS

Stripe Certified Professional Developer | Node.js Essential Training | Programming Foundations: Secure Coding | Learning the OWASP Top 10 | JavaScript: Async