SHIVA KUMAR NAYINI

Lead Software Developer | Full Stack Developer | Frontend Backend Developer
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PROFESSIONAL SUMMARY

Results-driven Lead Software Developer with 10+ years in full-stack and cloud-native development, leading cross-functional teams in Agile environments to deliver scalable, secure platforms; skilled in planning and managing engineering projects, setting deadlines, allocating resources, tracking progress, and aligning stakeholders to outcomes. Proven expertise in AI-driven development, microservices, and identity platforms; provides hands-on technical guidance, quality oversight, mentoring, and continuous improvement across teams to optimize delivery and reliability.

CORE COMPETENCIES

- Frontend: React.js, Angular, Next.js, Vue.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS/SASS, Tailwind CSS, Bootstrap, Material UI, Chakra UI, Redux, PWA, Service Workers, Redux, NgRx, Responsive, Rxjs, Jest, ThreeJS, Plotly, D3 charts.
- Backend: Node.js, Express.js, C#, .NET, REST, GraphQL, Microservices, Serverless, WebSockets, Socket.io, WebRTC, API Gateway, Lambda.
- Cloud & DevOps: AWS (EC2, S3, Lambda, RDS, DynamoDB, Route 53, IAM, CloudFormation), Azure, Docker, Kubernetes, CI/CD, Jenkins, GitHub Actions, Terraform, Nginx, Apache, Load Balancing, Auto Scaling.
- Data: MongoDB, PostgreSQL, MySQL, Redis, Elasticsearch, DynamoDB, Data Modeling, Query Optimization, ETL, Kafka, Warehousing.
- Security: OAuth 2.0, OpenID Connect, SAML, JWT, PKCE, ForgeRock, Okta, IAM, MFA, Encryption, SSL/TLS, Security Best Practices, Pen Testing.
- AI & Emerging Tech: ML integration, AI-powered dev tools, GitHub Copilot, NLP, Chatbots, Blockchain, Smart Contracts, IoT, Edge, Quantum basics.
- Leadership & Delivery: Project planning, resource allocation, schedule management, progress tracking, stakeholder communication, risk management, budgeting, performance reviews, mentorship, recruitment support.
- Quality & Process: Agile/Scrum, Kanban, TDD, unit/automation testing, code review frameworks, SDLC governance, KPIs/OKRs, quality gates, SRE/incident practices.

PROFESSIONAL EXPERIENCE

Lead Software Developer | Mawgif India, Hyderabad, Telangana | Jan 2024 – Present

- Planned and managed engineering initiatives end-to-end, defining milestones, allocating resources, and tracking delivery across squads to meet 99.9% uptime SLAs and enable zero-downtime releases.
- Led, motivated, and mentored 5+ engineers via 1:1s, pairing, and growth plans, improving productivity by 30% and sustaining 95% code quality standards.
- Provided technical guidance on authentication architectures (OAuth 2.0, OIDC, SAML, PKCE with Okta), ensuring feasibility, security, and review quality while reducing vulnerabilities by 60%.
- Communicated progress, risks, and trade-offs with stakeholders and adjacent teams, aligning on objectives and accelerating decisions across 3+ major platform enhancements.
- Conducted performance reviews, delivered feedback, and identified upskilling opportunities tied to team KPIs and OKRs.
- Managed budgets and resource needs for cloud, tooling, and staffing; optimized CI/CD and infra investments to cut deployment time by 50% and improve success rate to 99.5%.
- Instituted engineering processes and quality gates (lint/test thresholds, security scans, peer review patterns) to improve reliability and reduce incidents.
- Identified and implemented workflow improvements (TypeScript CLI automation, standardized pipelines) to enhance throughput and reduce toil.

Full Stack Developer | Xebia, Hyderabad, Telangana | May 2022 – Dec 2023

- Coordinated multi-time-zone delivery plans, defined sprint goals, and tracked execution for enterprise clients, improving on-time delivery across streams.
- Provided architectural guidance for real-time systems (WebSockets, Socket.io, WebRTC), ensuring performance SLAs and secure design patterns.
- Facilitated stakeholder communication with clear status updates, burn-down metrics, and risk registers to enable faster cross-team alignment.
- Drove process improvements for microservices on AWS (S3, Lambda, IAM, DynamoDB), standardizing IaC and deployment patterns across services.
- Contributed to hiring loops and mentoring programs; introduced playbooks for dashboards and SRE handoffs to improve maintainability.

Lead Software Developer | Conduent, Hyderabad, Telangana | Nov 2019 – May 2022

- Managed Agile programs with 8+ engineers, setting delivery timelines, allocating resources, and tracking progress via dashboards and OKRs.
- Established quality processes (definition of done, performance budgets, regression suites) to ensure sub-second Elasticsearch SLAs at scale.

- Conducted performance evaluations and instituted improvement plans, reducing defect leakage and boosting team velocity by 25–40%.
- Partnered with product and operations to prioritize roadmaps and manage scope, keeping stakeholders aligned via demos and reviews.

Software Developer | Proxim Quest IT Solutions, Hyderabad, Telangana | Dec 2016 – Sep 2019

- Participated in planning and estimation, tracking milestones across MEAN/MERN projects with 99% client satisfaction and 100% on-time delivery.
- Introduced lightweight quality checks and documentation templates to reduce handoff friction and rework.

KEY PROJECTS
Enterprise Identity Management Platform | React, Node.js, OAuth 2.0, Okta, AWS, Docker

- Built a comprehensive identity platform serving 50,000+ users with MFA and SSO capabilities.
- Real-Time Data Analytics Dashboard | Angular, WebSockets, Plotly, Elasticsearch, Kafka
- Developed a real-time dashboard processing 1M+ data points daily with interactive visualizations and predictive analytics.
- Progressive Web Application Suite | React, Service Workers, PWA, Redis, MongoDB
- Created offline-capable web applications with 99% uptime and mobile-first responsive design.

EDUCATION

B.Tech, Computer Science Engineering | Gitam University, Visakhapatnam | Aug 2016 .

CERTIFICATIONS & TRAINING

- AWS Certified Solutions Architect (In Progress);
- React Advanced Concepts; Cybersecurity Fundamentals; Agile and Scrum Master.

TECHNICAL ACHIEVEMENTS

- Reduced deployment time by 50% via automated CI/CD; improved app performance by 60% with advanced caching and optimization.
- Led digital transformation initiatives with 40% cost reduction and enhanced scalability; mentored 15+ developers; sustained 99.9% uptime for mission-critical apps.