Sputhnik Gundu

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SUMMARY

Software engineer with 4+ years building scalable applications using TypeScript, React.js, and Java on cloud platforms. Experienced in developing reusable component architectures and micro frontend systems with strong focus on code quality and testing. Track record of implementing CI/CD pipelines and collaborating with cross-functional teams to deliver user-focused solutions.

EDUCATION

University at Buffalo   Buffalo, NY
Master of Science in Computer Science   *Jan 2024 – May 2025*
- Focus: Machine Learning, Cloud Computing, Distributed Systems, Software Engineering

National Institute of Technology, Andhra Pradesh   Andhra Pradesh, India
Bachelor of Technology in Computer Science   *Jun 2016 – Jun 2020*
- Focus: Algorithms, Data Structures, Database Systems, Software Development

EXPERIENCE

AT&T(contract)   Richardson, Texas
Software Developer   *Aug 2025 – Present*
- Developed modular React components using TypeScript following micro frontend architecture. Built reusable component library with 50+ components shared across business applications, implementing design system patterns and comprehensive unit tests achieving 80% coverage.
- Designed and implemented RESTful APIs using Java and Spring Boot integrated with AWS cloud services. Built backend services processing real-time data with synchronous algorithms handling transaction workflows, ensuring data consistency across distributed systems.
- Established CI/CD pipelines using Git, Jenkins, and Docker following agile methodologies. Collaborated with product teams to gather requirements and UX designers to refine interfaces, delivering end-to-end features from design through production deployment.

The Hartford   Bengaluru, India
Senior Software Developer   *Dec 2021 – Dec 2023*
- Architected micro frontend system using Webpack Module Federation for subscription platform serving 500K users. Implemented dynamic module loading enabling independent team deployments, reducing main bundle size by 40% and improving initial page load time from 4.2s to 2.5s.
- Built reusable component library with TypeScript and React integrated with microservice-based APIs. Created comprehensive testing framework using Jest and React Testing Library achieving 85% code coverage, reducing production bugs by 35% through automated regression testing.
- Mentored 2 junior developers on React best practices and TypeScript patterns. Conducted code reviews and established team coding standards, creating documentation that reduced onboarding time for new team members by 40%.

Scaler   Bengaluru, India
Software Engineer - React   *Jan 2020 – Dec 2021*
- Developed interactive analytics dashboards using React and TypeScript for edtech platform with 100K+ daily users. Built data visualization components displaying learner progress and course metrics, integrating with backend APIs and WebSocket connections for real-time updates.
- Created reusable component library and design system documented in Storybook. Worked closely with UX team to implement responsive interfaces and mobile-first designs, improving user engagement metrics by 30% through enhanced UI/UX patterns.
- Implemented monitoring infrastructure using Grafana and Elasticsearch for system observability. Analyzed application logs and performance metrics identifying optimization opportunities, reducing incident response time by 30% and improving platform uptime to 99.8%.
- Participated in agile ceremonies including sprint planning and retrospectives. Collaborated with product managers translating business requirements into technical specifications, delivering features iteratively with consistent velocity across 20+ sprints.

Technical Skills

Programming Languages: TypeScript (4+ years), JavaScript (4+ years), Java (3+ years), Python, SQL
Frontend Technologies: React.js (4+ years), Redux, React Hooks, HTML5, CSS3, Webpack, Module Federation
Component Development: Reusable Components, Design Systems, Styled-Components, Storybook, Responsive Design
Backend Frameworks: Spring Boot (2+ years), RESTful APIs, Microservices, Node.js, Express.js
Testing & Quality: Jest (3+ years), React Testing Library, Enzyme, Cypress, SonarQube, Unit/Integration Testing
Cloud & DevOps: AWS (EC2, S3, Lambda), Docker, Kubernetes, Jenkins, CI/CD, Git/GitLab, Terraform
Databases: PostgreSQL, MySQL, MongoDB, Redis, Query Optimization, Database Design
System Design: Micro Frontends, Architecture Patterns, Scalability, Performance Optimization
Monitoring Tools: Prometheus, Grafana, Elasticsearch, Splunk, Application Performance Monitoring
Methodologies: Agile/Scrum, JIRA, Code Reviews, Technical Documentation, Cross-functional Collaboration

Leadership & Contributions

Mentorship: Guided 2 junior developers in React and TypeScript best practices. Created technical documentation and onboarding guides reducing ramp-up time by 40%.
Code Quality Champion: Established coding standards and automated quality checks using ESLint and SonarQube. Led code review practices improving code maintainability and reducing technical debt by 25%.
Technical Innovation: Piloted micro frontend architecture and modern deployment strategies. Presented proof-of-concepts to engineering leadership driving adoption of new architectural patterns.
Agile Practices: Facilitated sprint planning and retrospectives as scrum team member. Contributed to 30% improvement in team velocity through process optimization and collaboration.