

GELLA SANDEEP KUMAR

Software Developer | React.js | Next.js | Node.js | Micro Frontend Architecture
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PROFESSIONAL SUMMARY

Software Developer with 4+ years delivering enterprise-grade web applications for Fortune 500 clients — Verizon and AT&T using React.js, Next.js, and Micro Frontend (MFE) architecture. Migrated legacy JSP systems to Next.js, reducing technical debt by 40%, and scaled a Progressive Web App across 6 international markets with full i18n support for KFC. Achieved 85% unit test coverage, resolved 200+ SonarQube code quality issues, and reduced deployment errors by 30% via GitLab CI/CD pipelines. Targeting frontend or full-stack engineering roles where performance optimization, clean architecture, and measurable product impact are priorities.

TECHNICAL SKILLS

Frontend: React.js, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Sass, Tailwind CSS, Bootstrap, Material UI.

Architecture & State: Micro Frontend (MFE), Redux, Zustand, Context API, Component-Driven Development, Single Page Applications (SPA).

Backend & APIs: Node.js, Express.js, MongoDB, REST API Integration, Spring Boot, Java, JWT Authentication, Postman.

Testing & Quality: Jest, React Testing Library, SonarQube, BrowserStack, Unit Testing, Integration Testing, Code Reviews.

DevOps & Tools: Git, GitHub, GitLab, CI/CD Pipelines, Agile/Scrum, JIRA, Rally, Kibana, AWS

AI-Assisted Dev: GitHub Copilot, Cursor, VS Code, IntelliJ IDEA

WORK EXPERIENCE

Frontend Developer | [Cognizant Technology Solutions, Hyderabad](#) Jun 2022 – Present

Verizon Assisted Sales Platform | *React.js, Redux, PrimeReact, Micro Frontend, JWT, Kibana, JIRA*

Enterprise SPA supporting Verizon's Retail, Care, Tele Sales, BYOD, and Trade-In flows built on Micro Frontend architecture.

- Built reusable React and PrimeReact components aligned with Verizon's design system, accelerating feature delivery across multiple sales flows.
- Architected Redux state management for compensation and customer hierarchy modules, improving data predictability and cutting related bug count by 30%.
- Integrated 10+ REST APIs across SOE, CXP, and CJCM cross-functional teams, bridging frontend and Java backends for end-to-end data reliability.
- Resolved 20+ JIRA-tracked defects across sprint cycles, maintaining release stability and earning direct client appreciation.

AT&T Internal Tools Migration | *Next.js, React.js, Zustand, Tailwind CSS, Java, GitHub, Rally*

Full-scale migration of legacy JSP-based dashboards to a modern Next.js architecture to enhance scalability and maintainability.

- Migrated 5+ production modules from legacy JSP to Next.js, reducing technical debt by 40% measured against backlog reduction and maintainability benchmarks.

- Designed a Zustand state management layer for complex dashboard views, ensuring predictable client-side data handling and eliminating redundant re-renders.
- Resolved 50+ Rally-tracked issues while integrating 10+ Java REST APIs, consistently delivering features on schedule across all sprint cycles.
- Collaborated directly with AT&T client stakeholders in daily Agile/Scrum ceremonies, driving iterative requirement refinement across 5+ migrated modules.

KFC Global Ordering PWA | *React.js, Redux, Node.js, Express.js, MongoDB, Bootstrap, Sass, .NET, GitLab, CI/CD*
Progressive Web App (PWA) for KFC food ordering deployed across 6 international markets with full multi-language (i18n) support.

- Engineered a multi-language PWA using React and Redux, deploying across 6 international markets with full i18n support and region-specific content management.
- Built a reusable component design system that reduced QA design defects by 40% and standardized UI consistency across all markets.
- Developed a Node.js and Express.js admin dashboard backed by MongoDB, enabling internal teams to manage menus, promotions, coupons, and content at scale.
- Integrated 10+ third-party and internal APIs spanning ordering flows, payment processing, and real-time delivery tracking across all regions.
- Resolved 100+ JIRA issues in partnership with CMS and .NET teams, maintaining dynamic content accuracy across all markets.
- Implemented GitLab CI/CD pipelines that cut deployment errors by 30% and shortened release cycle times, reducing DevOps dependency.

Software Engineering Intern | *Cognizant Technology Solutions, Hyderabad* *Feb 2022 – Jun 2022*

Diagnostic Medical Centre Web App | *HTML5, CSS3, JavaScript, Spring Boot, SQL*

- Designed responsive UI using HTML5, CSS3, and JavaScript for a patient records and appointment management system.
- Developed RESTful backend with Spring Boot and SQL, implementing CRUD operations, role-based authentication, and secure access controls.

KEY ACHIEVEMENTS

- Eliminated 40% of AT&T's frontend technical debt by leading a full JSP-to-Next.js migration across 5+ production modules.
- Elevated unit test coverage from 60% to 85% using Jest and React Testing Library, directly reducing production bugs by 25%.
- Standardized UI consistency by 40% at KFC Global through a reusable component design system, tracked by QA defect rate reduction.
- Resolved 200+ SonarQube code quality issues, measurably reducing security vulnerabilities and improving overall codebase health scores.
- Owned end-to-end CI/CD pipeline implementation on GitLab, reducing deployment errors by 30% across all release cycles.
- Recognized as Associate of the Month and recipient of multiple client appreciation awards for delivering high-quality solutions under tight deadlines.

EDUCATION

B.Tech, Electronics & Communication Engineering GMR University	2019 – 2022
Diploma, Electronics & Communication Engineering SMVM Polytechnic	2016 – 2019