

Sumanth Reddy

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PROFESSIONAL SUMMARY

Full-stack Engineer with over 5 years of experience building and scaling enterprise applications in the financial services domain. Strong expertise in modern frontend development using React, Angular and other UI frameworks, combined with Node.js, Java, Spring Boot, and RESTful microservices. Proven ability to design, develop, and optimize secure, high-performance systems, with hands-on experience in CI/CD, cloud platforms, and containerization. Experienced in collaborating across teams, mentoring developers, and delivering reliable, production-ready solutions.

WORK EXPERIENCE

Perigon Infotech Inc - U.S. Bank (Client)

Jul 2021 – March 2026

Software Engineer

Cincinnati OH, USA (Remote)

- Engineered the Treasury Portal's cash-ordering module using React and TypeScript, delivering a highly accessible and intuitive interface; drove a 25% increase in user adoption through A/B tested enhancements focused on usability and inclusive design principles.
- Leveraged the enterprise-grade React UI framework to design and implement 10+ complex, reusable, and fully accessible components, accelerating feature delivery cycles by 30% while maintaining strict adherence to enterprise branding and design standards.
- Optimized application performance by implementing advanced code-splitting and lazy-loading strategies across multiple Treasury modules, reducing initial bundle size and improving Time to Interactive (TTI) by approximately 15%, resulting in a smoother user experience.
- Architected scalable front-end data-fetching patterns for REST API integrations, utilizing Redux for efficient state management and caching, significantly reducing redundant network calls and ensuring consistent, low-latency data synchronization across financial workflows.
- Implemented secure authentication and authorization flows using OAuth 2.0 and JWT, integrating with Azure Active Directory to manage session handling, protected routes, and role-based access for sensitive treasury operations.
- Designed and developed Spring Boot-based REST API wrappers to standardize communication between frontend and backend services, improving modularity and increasing system maintainability ratings from 2/5 to 4/5.
- Streamlined local development and testing environments by containerizing legacy dependencies using Docker, minimizing environment inconsistencies and reducing environment-specific defects by approximately 15%.
- Automated end-to-end CI/CD pipelines using Jenkins and Azure DevOps, enabling seamless and reliable deployments with environment-specific configurations and achieving 100% release consistency across UAT and production environments.
- Contributed to microservices-based architecture by designing modular APIs and improving service reliability and scalability across distributed systems.
- Strengthened application stability and security by developing and maintaining over 100 Jest test suites, achieving 90%+ code coverage with optimized execution times under 3 minutes in CI pipelines.
- Explored integration of GenAI-powered LLM-based services to support intelligent search and summarization use cases within enterprise applications.
- Mentored and onboarded 2 offshore developers by conducting structured knowledge transfer sessions and thorough code reviews, significantly reducing their time-to-first-commit and ensuring alignment with enterprise coding standards and best practices.
- Led Agile ceremonies including Sprint Planning and Retrospectives for a cross-functional team, improving estimation accuracy, team collaboration, and delivery predictability, resulting in 100% on-time completion of quarterly milestones.

Tech Stack: React, TypeScript, JavaScript, Redux, HTML, CSS, Spring Boot, Java, REST APIs, Docker, Jenkins, Azure DevOps, Azure Active Directory, Azure API Management, OAuth 2.0, JWT, Jest, React Testing Library, Git, CI/CD, Agile, Scrum, Jira, Gen AI, LLM Integration.

- Built a dashboard using Angular, TypeScript, HTML, and CSS to display key metrics like productivity rates and user engagement.
- Utilized HttpClient for data fetching, dynamically loading and displaying real-time data on the dashboard.
- Developed API endpoints using Python and Django.
- Enhanced the dashboard's responsiveness, ensuring a smooth experience across different devices.
- Collaborated with two other interns to improve the overall functionality and user experience of the dashboard.

Tech Stack: Angular, TypeScript, JavaScript, Python, Django, HTML, CSS, Bootstrap.

SKILLS

- **Languages & Core:** JavaScript (ES6+), TypeScript, C#, Java, SQL, GraphQL, REST.
- **Frontend & Design:** React, Next.js, Angular, Vue, React Native, Redux Toolkit, Tailwind CSS, Material UI, SASS.
- **Backend, Cloud & DevOps:** Node.js, Express, Spring Boot, .NET, Docker, Jenkins, AWS, Azure, Git.
- **Databases, Build & Testing:** MongoDB, PostgreSQL, SQLite, Jest, React Testing Library, Webpack, Vite.

PROJECTS

Open-Source Contributions

- MCPJam/inspector: Developed a reusable and accessible theme toggle feature using React and TypeScript, improving user customization and UI consistency.
- ClearskyApp06/ClearskyUI: Identified and resolved a critical data-rendering issue affecting a key metric, ensuring accurate visualization and enhancing overall application reliability.

Tech Stack: React, TypeScript, JavaScript, Tailwind, Node, Express.

Textful

- Built Textful, a real-time chat application enabling seamless bidirectional communication with low latency, leveraging event-driven architecture for instant message delivery and updates.
- Improved application stability by identifying and resolving critical crash scenarios during testing, significantly enhancing reliability and user experience.

Tech Stack: React, JavaScript, Socket.IO, Node.js, Express, MongoDB, Mongoose, HTML, CSS, Bootstrap, Heroku.

Playscore Pal

- Developed Playscore Pal, a scalable full-stack application using Next.js, integrating GraphQL APIs for efficient data querying and optimized state management.
- Enhanced performance by optimizing First Contentful Paint (FCP), including local font hosting, resulting in faster load times and improved user engagement.

Tech Stack: Next.js, TypeScript, Node.js, GraphQL, MongoDB, Mongoose, Tailwind CSS, Vercel.

SeizureCare

- Designed and implemented a responsive website for SeizureCare, handling user-centric web platform facilitating customer requests and streamlined service interactions.
- Focused on performance optimization and accessibility, achieving a 90+ Lighthouse score through efficient asset handling and UI improvements.

Tech Stack: React, JavaScript, Node.js, HTML, SCSS, Material UI, AWS Amplify.

EDUCATION

Northeastern University

M.S. Computer Science

Sep 2019 – May 2021

San Jose, CA

BML Munjal University

B.Tech. Computer Science & Engineering

Sep 2015 – Jul 2019

Gurugram, India

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals

Certification number: 643526-UFCE6E

Nov 2025