



Iraveen Rathna raj

Full Stack Developer - III

Results-driven Full Stack Developer with around 6 years of experience designing and developing scalable web applications. Proficient in both front-end and back-end tech stacks. Strong collaborator with a passion for optimizing performance, writing clean, maintainable code, and leading cross-functional teams to deliver high-quality solutions.



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TECHNICAL SKILLS

Frontend	React Next JS Javascript Typescript HTML CSS
Backend	Node js - Express Java - Spring boot Python - Flask
Styling	Tailwind CSS MUI Base Web Radix UI Shadcn UI CSS3 SASS
Database	Oracle Postgres Mongo
Mobile	React Native PWA TWA
Web services / Hosting	AWS (S3, Lambda, Amplify) Kafka Redis Vercel Firebase (Auth, Storage, Realtime DB, Cloud Messaging) Web sockets Payment Gateways (Stripe & Razorpay)
Skills	Responsive Web Development Database Design and Optimization Version Control - GIT SEO Prompt Engineering & RAG Client and server side caching



WORK EXPERIENCE

Full Stack Consultant - III

Verizon

08/2023 - Present

Chennai, India

Achievements/Tasks

- Responsible for developing full-stack features that enhance the efficiency of network technicians. Involved in the entire development lifecycle, from gathering requirements from users and product owners (PO) to analyzing feasibility within the existing architecture, breaking down features into user stories, and delivering both frontend and backend implementations to completion.
- Managed and maintained in-house Linux development and production servers via SSH, ensuring optimal performance for Node microservices through PM2 instances. Assisted in deploying applications and troubleshooting server-related issues during performance testing.
- Involved in identifying bottlenecks in application performance across the full stack, including improving React rendering efficiency, enhancing frontend caching with service workers, reducing API response times, and optimizing database queries and table performance using indexes and partitions to ensure a seamless user experience.
- Responsible to maintain code quality and security vulnerability using Sonar and Fortify checks.
- Worked across multiple micro frontends, ensuring seamless integration and interoperability between them. Implemented efficient communication patterns, maintained consistent UI/UX, and optimized performance to deliver a cohesive user experience
- Monitored and optimized APIs using New Relic and User experience through Quantum Metrics for finding and addressing real-time issue resolution.



WORK EXPERIENCE

Senior Front End Engineer Seminal

01/2022 - 07/2023

Chennai, India

Achievements/Tasks

- Lead a team of 6 developers for creating responsive e-commerce platform for trading NFT's.
- Developed and Integrated multiple Micro Frontends to facilitate cross-functional collaboration, with shared state management ensuring modular architecture, seamless integration, and efficient code reuse.
- Improved the performance of the client app through multiple optimization techniques, such as lazy loading, memos, SSR, ISR, image optimization, and client-side caching using service workers.
- Accelerated the migration of the project from React to Next.js for better SEO and performance. Used SEO strategies using Metadata's like Titles, descriptions, OG, Twitter, robots, etc. for better visibility of the app.
- Implemented Service Workers to transform the application into a Progressive Web App (PWA), enabling offline support, push notifications, and efficient client-side caching for improved performance and user experience.
- Built and maintained custom responsive component library that can be reused throughout the app.

Senior Systems Engineer Infosys

11/2019 - 01/2022

Chennai, India

Achievements/Tasks

- Designed, developed, and maintained a large-scale, consumer-facing React application for **AT&T (att.com)**, ensuring high performance, scalability, and an intuitive user experience.
- Involved in Test-Driven Development (TDD) using Jest, writing and maintaining unit tests to ensure code reliability, maintainability, and high test coverage.
- Collaborated in a highly agile environment, working across multiple scrum teams to drive efficient project management, ensure seamless coordination, and deliver high-quality features in iterative development cycles.
- Also involved in created Microservices with Java Spring boot framework for E-commerce application.



OPEN SOURCE & PERSONAL PROJECTS

BrowserUse (01/2025 - Present)

- Browser Use Opensource project that is an AI-driven agent that leverages an LLM to launch a Playwright browser and executes the given natural language prompt in an autonomous, agentic workflow. (Ex: "Compare Open AI and Deepseek API usage cost" will open a browser and visits both their official websites and get the prices in them and gives the cost comparison).
- Contributed to this open-source project by resolving active bugs related to agent functionality, improving stability, and enhancing overall performance.

ShopRMC (www.shoprmc.in)

- Built an highly responsive full stack e-commerce website and Android App from scratch using Next.js individually with help of AI, which serves as a quick commerce store in our Area with an intent to integrate it with ONDC (Open Network Digital Commerce).
- Made it into an android app using TWA (Trusted Web activities). which is a process of converting an PWA (Progressive Web App) to an mobile app.



EDUCATION

Bachelors Of Technology Amrita School of Engineering

06/2015 - 06/2019

Coimbatore, India



ACHIEVEMENTS & CERTIFICATES

Won in a Figma to React Gen AI Hackathon (04/2024)

Built an App that can create a React application based on the given Figma wireframe JSON data which uses the custom MUI component library.

Best performer of the month (08/2023 - 08/2024)

Received twice in a Year at Verizon

Prompt Engineering for Developers (Coursera certification) (07/2024)

Learned about LLM integrations through API to enhance app functionalities

Machine Learning Specialization (Coursera Certificate) (01/2025)

Learned about Creating, training and tuning Machine learning and basic Deep learning models out of own interest