

Narender Chepuri

Full Stack Developer

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Professional Summary

Results-driven Software Engineer with 2+ years of hands-on experience architecting high-performance web applications and cutting-edge AI/LLM solutions. Proven expertise in building modern web systems with React.js, Node.js (Fastify/Express), Next.js, and complex database architectures. Demonstrated success in implementing Agentic AI, RAG pipelines, and real-time streaming infrastructure using WebSockets, Redis, and RabbitMQ. Adept at driving end-to-end development cycles—from raw concept to production deployment—with a relentless focus on clean architecture, performance optimization, and scalable design.

Technical Skills

- **Frontend:** React.js, Next.js, React Native, Electron, Redux, JavaScript (ES6+), HTML5/CSS3, Tailwind CSS, Material UI (MUI)
 - **Backend:** Node.js, Fastify, Express.js, Nest.js, Java (Core), Quarkus
 - **Databases:** PostgreSQL, MongoDB, Redis (Caching & In-Memory Storage)
 - **AI & LLM Infrastructure:** LangChain, LangGraph, RAG (Retrieval-Augmented Generation), Tool Calling, Agentic AI Systems, MCP, Vector Databases, OpenAI APIs, Gemini API, Ollama
 - **Real-time & Messaging:** WebSockets, Socket.IO, RabbitMQ
 - **DevOps & Tools:** AWS (Core Services), Jenkins CI/CD Pipelines, Git/GitHub, RESTful APIs, Knex.js
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Professional Experience

NeuBinary — Software Engineer (Nov 2023 – Mar 2026)

NeuSage AI Chat Support System (Aug 2025 – Mar 2026)

- Architected an enterprise-grade, real-time AI customer support platform using WebSockets, supporting low-latency (<50ms) bidirectional message streaming.

- Engineered advanced Agentic AI workflows and RAG pipelines using LangChain and vector search, improving automated query resolution accuracy by 45%.
- Integrated dynamic tool calling capabilities, enabling AI agents to query external databases and document stores seamlessly.
- Implemented Redis for stateful user presence tracking and RabbitMQ for asynchronous queueing, ensuring 99.9% message deliverability across active agents.
- Developed a high-security Admin Portal featuring granular Role-Based Access Control (RBAC), SDK integration, and customizable AI hyperparameters.

Digital Homologation (Deloitte) (June 2024 – Aug 2025)

- Built a end-to-end automotive compliance application from scratch, driving the complete software development lifecycle (SDLC).
- Developed the Virtual Lab Car module, optimizing relational mappings across EE, SWM, VS, and VC domains and reducing processing overhead by 35%.
- Created an automated Type Approval workflow with bi-directional synchronization to ServiceNow, accelerating compliance sign-offs by 40%.
- Integrated Jira REST APIs to automate test case generation and tracking for regulatory audits.
- Implemented complex multi-tenant user authentication and custom security matrices.

Smart Home Automation System (Nov 2023 – June 2024)

- Designed a responsive, user-friendly frontend interface with React and Material UI (MUI), serving 1,000+ active device configurations.
- Engineered high-throughput REST APIs using Node.js, Fastify, Knex.js, and PostgreSQL, maintaining sub-100ms average response times.
- Integrated real-time WebSocket communication between front-end dashboards and embedded IoT hardware for instant device state updates.

Education

Full Stack Web Development (Full-Time)

Masai School, Bengaluru — Oct 2022 – Sep 2023

Bachelor of Technology – Civil Engineering

Sree Dattha Institute Of Engineering & Science, Telangana — Aug 2017 – Sep 2021

Certifications

- Full Stack Web Developer — Masai School
- Prompt Engineer — Masai School