

PROFESSIONAL SUMMARY

Senior Full Stack Engineer at Capgemini specializing in high-availability, cloud-native distributed systems and modular web architectures. Expert in engineering resilient React/Next.js interfaces integrated with scalable AWS-backed microservices. Proven technical lead recognized for leveraging AI-augmented development workflows to mitigate operational risk through rigorous validation, ensuring the seamless delivery of mission-critical platforms to enterprise-scale dealer networks.

TECHNICAL SKILLS

- Frontend Development: React, Next.js (App Router), TypeScript, JavaScript (ES6+), HTML5, CSS3.
- State & Data Management: TanStack Query (React Query), tRPC, Context API, Nuqs, Zod (Validation).
- Styling & UI: Tailwind CSS, Shadcn/UI, Radix UI, Framer Motion, Responsive Design, Lucide Icons.
- Backend & Systems: Node.js, Express, Hono, Microservices Architecture, RESTful APIs.
- Databases & ORMs: PostgreSQL, MongoDB, Redis, Prisma, Drizzle, Mongoose, Convex.
- Cloud & Infrastructure: AWS (Certified Cloud Practitioner), Docker, CI/CD, Git/GitHub, pnpm, bun, npm, yarn.
- AI & Modern Tooling: Claude, GitHub Copilot, Gemini, VS Code, Cursor.
- Testing & Quality: Vitest, Jest, React Testing Library.

WORK EXPERIENCE

Capgemini | Mumbai | July 2023 – Present

Senior Software Engineer

- Architected and orchestrated a high-concurrency, microservices-based contract management ecosystem serving thousands of dealers globally.
- Led the frontend engineering team as the primary technical lead, translating complex PPO requirements into scalable UI architectures and sophisticated data-handling engines.
- Engineered high-performance React and Next.js interfaces, implementing strategic client-side caching to drastically reduce server load and ensure zero-latency user experiences.
- Mitigated operational and financial risks by enforcing a "quality-first" development cycle, utilizing automated UI testing to guarantee functional fidelity and prevent fiscal discrepancies.
- Optimized AI-augmented development workflows to accelerate feature delivery while maintaining zero-defect standards for mission-critical enterprise modules.

Software Engineer

- Developed an end-to-end management dashboard for a high-impact government initiative, streamlining field-level coordination and real-time data tracking.
- Designed and implemented modular UI components and backend logic, optimizing system performance for low-bandwidth environments and rural device usage.
- Collaborated within cross-functional teams to align technical specifications with public-sector requirements, ensuring an intuitive UX for diverse, non-technical user bases.

PROJECTS

Doc App | Real-time Collaborative Engineering Platform | <https://my-docs-ashen.vercel.app/>

- Built a high-performance collaborative editor using Next.js and Tailwind CSS, enabling multiple users to edit documents simultaneously with real-time syncing and presence indicators.
- Engineered a robust notification system supporting threaded comments and live updates to facilitate seamless team communication.
- Implemented secure Organization Management featuring Role-Based Access Control (RBAC) to manage complex user permissions and document visibility.
- Designed a curated template library to streamline document creation workflows across diverse professional use cases.

Note Spare | Interactive note-taking and publishing platform | <https://note-sphare.vercel.app/>

- Developed a sophisticated Rich-Text Editor supporting complex formatting, including code blocks, images, and nested lists for structured documentation.
- Architected a recursive data structure to support infinite nested documents, allowing for complex, hierarchical note organization.
- Implemented a flexible publishing workflow that enables users to toggle notes between private and public visibility for secure sharing.
- Optimized media handling to support seamless image uploads and embeds, ensuring a visually rich documentation experience.

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- AWS Partner: Generative AI Essentials
- Full Stack Development L1/L2 - Capgemini
- Tech & Digital L1 - Capgemini

EDUCATION

Bachelor of Technology (B.Tech) in Mechanical Engineering | 2019 – 2023 | Lovely Professional University (LPU)