

Product-focused full-stack engineer with 5+ years of experience building scalable web, mobile, and AI-driven systems and LLM-powered / agentic workflows. Experienced in owning features end-to-end across frontend, backend, and cloud infrastructure.

WORK EXPERIENCE

Member of Technical Staff	Mozark – Gurugram, India	June 2024 - Present
\$40M funded AI-driven observability platform - mozark.ai		
- Architected and led development of no-code automation platform for enterprise test execution, contributing to a ₹2.5 Cr+ annual ICICI Bank deal. - Led a 3-member team to build an Electron-based Test Studio with a Copilot-powered AI agent, reducing test creation time by ~2 minutes per user journey. - Built a centralized SSO system integrating 5+ applications, improving authentication flow and cross-product usability. - Designed and integrated a Playwright-based web automation framework, expanding platform capabilities beyond mobile to full web testing. - Collaborated with clients and leadership to define requirements and design a scalable multi-tenant architecture.		
Tech Stack: React, NestJS, FastAPI, MongoDB, AI Agents, Electron, Playwright, Docker, AWS		
Full Stack Engineer	Galen Data (acquired by Matrix One) – TX, USA (Remote)	April 2022 - May 2024
galendata.com : HITRUST certified cloud for medical devices		
- Improved reliability by achieving 99% unit test coverage using Jasmine, Karma, JUnit, and Mockito. - Built clinical UI widgets including an ECG viewer and interactive charts. - Implemented Dark Mode feature adopted by 100% of active users. - Designed and led development of a core microservice during monolith-to-microservices migration - Designed and maintained backend APIs and services supporting clinical data workflows, ensuring reliable, high-performance production systems.		
Tech Stack: React, Angular, Spring, Node.js, Express.js, PostgreSQL, MongoDB		
Full-Stack Developer	Arbor Research – Delhi, India (Remote)	Dec 2020 - March 2022
- Built Dealdog, a full-stack e-commerce deal aggregation platform (web + mobile), including data extraction pipelines, backend APIs and user-facing applications. - Scaled and maintained data extraction pipelines for multi-source aggregation. - Reduced mobile app navigation lag from 2.5s to < 1s. - Optimized DB queries, cutting peak load time from 11s to ~2s. - Integrated Firebase Analytics & Crashlytics for event tracking and crash monitoring.		
Tech Stack: Next.js, React Native, TypeScript, Firebase, Spring Boot, MySQL, AWS.		

PROJECTS

- OctaK Edge**: Deterministic equity-research platform: all scores computed in TypeScript with the LLM confined to narration; three independently deployed apps sharing one Postgres schema. *Next.js, TypeScript, Supabase, Cron, Redis, Zod*
- Learner Memory System**: AI tutor over an append-only learner model: per-concept mastery derived on read, misconceptions with an active/resolved lifecycle, every belief traceable to its source message. *Next.js, TypeScript, Supabase, Vercel AI SDK, Gemini, Vitest*
- ASO Audit Agent**: App Store listing audit scored on a 10-dimension rubric with verbatim cited evidence: a conversational agent fronting a deterministic workflow, parallel Apple-API/scrape/vision fan-out, Zod-typed scoring with partial-report fallback and exclusion-aware renormalization. *Next.js, TypeScript, Mastra, Gemini, Groq (Llama 3.3 70B), Firecrawl*

LANGUAGES AND TECHNOLOGIES

- Frontend**: React, Next.js, Angular, React Native, Electron, Flutter, Tailwind CSS, Redux, TypeScript, JavaScript
- Backend**: Node.js, NestJS, Express, FastAPI, Spring Boot, Django, REST API, GraphQL
- Databases**: PostgreSQL, MySQL, MongoDB, Redis
- DevOps & Cloud**: AWS, Docker, CI/CD, Heroku, Netlify
- Testing & Automation**: Pytest, Robot Framework, Appium, Jasmine, Karma, JUnit, Mockito, Selenium, Vitest
- Other Languages**: Python, Java, C++, Bash

EDUCATION

- Vishwakarma Institute of Technology
- B.Tech in Computer Science Engineering.