

Avinash Dangi

Lead Software Engineer — AI-native products, end to end avinashdangi.26@gmail.com · github.com/django18 · linkedin.com/in/avinash-dangi · India (remote-friendly)

Nine years building web, mobile, and AI products across fintech, edtech, and SaaS for companies in India, Singapore, and Denmark. Founding-engineer experience taking products zero to one; deep in React, TypeScript, React Native, Node/Bun, AWS, and LLM systems (agents, RAG, evals).

Experience

VIZISMART — ADVISOR · ARCHITECTURE & AI SYSTEMS | 2026 – PRESENT

- Advising an AI property-management platform on their technical architecture — system design (HLD/LLD) across web and mobile, scalability, and the shape of their AI systems: visual-detection inspections, AI chatbot, voice agent.

SIGIQ — FOUNDING ENGINEER · LEAD FRONTEND | 2025 – JUN 2026

- Built PadhAI zero to one: an AI-tutoring platform for UPSC — retrieval-augmented tutor with cited answers, AI evaluation of long-form answers, and live 1-v-1 quiz battles — reaching 200,000+ learners in six months and 100k+ installs at 4.5★; the engine scored 175/200 on the 2024 UPSC Prelims.
- Shipped one codebase to web, Android, and desktop (PWA-in-WebView), and built the CI/CD pipeline and AWS infrastructure from scratch, including automated exam-security testing environments.
- Led EverTutor, a real-time voice AI tutor: speech-to-text → LLM → text-to-speech pipeline with a shared whiteboard, modeled as a deterministic multi-modal state machine (XState). #1 Product of the Day on Product Hunt; 40% engagement lift.
- Ran the team's agentic software factory: built Phoenix, an automated PR-review agent that reads the codebase and reviews every pull request pre-merge, plus live-ops automation — spec → build → test → review loops with human ship-gates.

SAXO BANK — FRONTEND ENGINEER → SENIOR FRONTEND ENGINEER | 2019 – 2021 · 2024

- Built and maintained the React Native investor platform serving 1M+ users: real-time market data feeds, portfolio management, and order execution on a regulated trading platform.
- Created core design-system components with Storybook documentation, keeping web and mobile visually consistent; built trading-chart indicators and annotations in vanilla JS.
- Returned in 2024 as Senior Engineer: advanced charting features, design-system extension, and mentoring across the frontend team.

LEADIQ — FRONTEND ENGINEER | 2021 – 2023 (REMOTE, SINGAPORE TEAM)

- Re-architected new-user onboarding with a server-driven UI approach — the server decides each next step from user state, so flows iterate without app releases. 40% lift in new-user retention.
- Owned and optimized the frontend CI/CD pipeline; worked fully remote across time zones.

C-DOT — RESEARCH ENGINEER | 2016 – 2019

- R&D at India's premier telecom centre: internal tooling and simulation systems for network protocols.

Selected projects

- **Kiln** — AI-native software agency (sites, mobile apps, AI automations for clients). kiln-mu.vercel.app
- **Autonomous trading agent** — AI agent trading Indian F&O behind hard, non-bypassable guardrails. Bun + TypeScript.

Skills

TypeScript · React · Next.js · React Native / Expo · Node / Bun · AWS · CI/CD · LLM agents · RAG · evals · WebSockets / real-time · design systems

Education

B.E. Computer Engineering, Netaji Subhas Institute of Technology (NSIT), Delhi — 2016