

AMAN DHURWEY

SENIOR FRONTEND ENGINEER | React | Next.js | TypeScript | Frontend Architecture

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PROFESSIONAL SUMMARY

Frontend-focused Software Engineer with 5+ years of experience building and scaling production React and Next.js applications. Led modernization of two production portals spanning ~180 pages, architected a shared design system adopted across six applications, and improved frontend performance by reducing shared JavaScript by up to 60%. Experienced in technical leadership, platform architecture, mentoring engineers, and delivering reliable, scalable products.

TECHNICAL SKILLS

Frontend: React 18, Next.js 15, TypeScript, JavaScript (ES6+), Redux Toolkit, RTK Query, HTML, CSS, Tailwind CSS, Material UI, React Final Form

Architecture & Performance: Frontend Architecture, Design Systems, Component Libraries, Storybook, Design Tokens, Code Splitting, Bundle Optimization, Backend-for-Frontend (BFF)

Quality & DevOps: Jest, Vitest, Sentry, Content Security Policy (CSP), CI/CD, Jenkins, Docker, Chromatic

Backend & AI: Node.js, Express, Kotlin, Spring Boot, REST APIs, OpenAPI, SQL, MongoDB, MCP, OpenAI API, Langfuse

PROFESSIONAL EXPERIENCE

LeapScholar

Software Development Engineer II – Frontend / Product Engineering

Nov 2022 – Present

Software Development Engineer I

Feb 2022 – Nov 2022

- **Architected and built a company-wide React design system** with 33 component families, 19 form adapters, design tokens, and 164 Storybook stories. Published reusable libraries through a private npm registry, enabling adoption across six applications and ~4,100 import sites.
- **Led migration of two production portals (~180 pages)** from Next.js 12 to 15 and React 17 to 18 without a feature freeze. Resolved shared-library dependency conflicts, standardized peer dependencies, and enabled independent application upgrades and releases.
- **Drove frontend performance improvements** through code splitting, bundle analysis, and shared-library optimization, reducing shared JavaScript by up to 60% (799 KB to 318 KB) in one portal and 42% (681 KB to 394 KB) in another, with up to 63% lower Total Blocking Time.
- **Improved internal CRM build and loading performance**, reducing shared first-load JavaScript by 14% (2.73 MB to 2.34 MB) and build time by 15% (192s to 164s) through lazy-loading heavy dependencies and making shared libraries tree-shakeable.
- **Led technical planning and execution** across Course Finder, partner onboarding, and design system V2, defining architecture decisions, API contracts, and parallel development workstreams. Collaborated with product managers and designers while mentoring two frontend engineers through refactors, code reviews, and production releases.
- **Strengthened production reliability, security, and observability** across five Next.js applications through Sentry monitoring, request correlation IDs, report-only CSP, secure redirects, and automated CI quality gates covering dependency scanning, type-checking, linting, and regression testing.
- **Built GIA, a production AI-powered copilot**, owning a streaming Next.js interface, Node.js/Express LLM service, and four MCP servers exposing ~50 tools. Integrated guardrails, prompt caching, and Langfuse evaluations, recording ~2,500 sessions in its first nine weeks.
- **Delivered full-stack product features** across React, Kotlin/Spring Boot, and OpenAPI, including a rollback-safe VAS dashboard and partner-lender integration, contributing to requirements, API contracts, implementation, and releases.

Betaflux

Associate Software Engineer

Jun 2021 – Feb 2022

- Adapted a Node.js application for the Alipay Mini App framework, implementing mobile-specific user flows and wallet payment integrations for Alipay and Touch 'n Go.

EDUCATION

Indian Institute of Information Technology, Design and Manufacturing (IIITDM), Jabalpur

2017 – 2021

B.Tech, Computer Science

AWARDS & ACHIEVEMENTS

- **Outstanding Impact Award (Output Excellence)** – LeapScholar (team award)
- **Execution Award & Team Player Award** – LeapScholar
- **Winner, Full Stack Category** – Flipr Hackathon 6.0