

Aryan Kumar

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Summary

Full-stack engineer with 2+ years of production experience in fintech, building and owning complex web systems end-to-end. Comfortable across the stack - from React and Next.js frontends to Node.js backends, AI integrations, and cloud infrastructure. I take ownership beyond my lane and ship things that work in production.

Experience

Software Developer

Jan 2024 - Present

StrideOne, Gurgaon, India

- **Built an AI-powered document processing pipeline** for NBFC compliance - handling bulk and individual KYC document uploads (Aadhaar, PAN, and others) at hundreds of documents per day. Designed a two-stage classification system using Gemini: a coarse similarity pass to determine document category, followed by a second agent with detailed extraction prompts for field-level data and summary generation. Built the full frontend including bulk upload, real-time processing status, extracted data preview, and a hierarchy-based approval workflow with revalidation states.
- **Owned frontend development of the Anchor Dashboard** - a React/Next.js application for managing supply chain financing workflows used in production by 300+ anchors. Designed and built a multi-step onboarding flow enabling bulk borrower onboarding in a single process, and built data-intensive invoice management interfaces with complex filtering, pagination, and optimistic state updates.
- **Overhauled the performance of the core Jarvis application** (React + Vite), which had no performance considerations when inherited. Implemented route-level and component-level code splitting with lazy loading, added Gzip compression via Vite plugin, and configured chunk caching for faster repeat loads. Introduced SWR selectively on views where stale-while-revalidate was the right tradeoff - prioritizing perceived speed over consistency where real-time accuracy was not required.
- **Led frontend infrastructure migration from AWS EC2 to Google Kubernetes Engine (GKE)** as part of an org-wide cloud transition. Wrote production Dockerfiles from scratch for all 5-6 frontend repositories, handling multi-stage builds, environment config, and containerization for both Next.js and Vite apps. Coordinated directly with the DevOps team and Google support to ensure a smooth cutover.

Projects

zeal - Structured Log Query CLI [View Code](#) →

- Built and published a zero-dependency CLI tool in Zig for querying structured (JSON) logs with filtering, field projection, and output formatting — designed as a fast, portable alternative to jq for log workflows.
- Shipped with 70+ tests across 6 implementation phases, a CI pipeline, man page, and shell completions for bash and zsh - full open-source release lifecycle.
- Focused on correctness and developer ergonomics: consistent exit codes, composable flags, and UNIX-pipe-friendly output.

StackProbe - JavaScript Codebase Auditor [View Code](#) →

- Built a CLI tool that performs static analysis on JavaScript/TypeScript codebases to surface production-critical issues: dependency drift, environment mismatches, and circular dependencies.
- Designed the analysis engine to catch real failure scenarios before deployment rather than stylistic warnings - aimed at catching the class of bugs that break production builds.
- Outputs structured results with exit codes for CI/CD pipeline integration, making it usable as an automated enforcement gate.

SlideGen - AI Presentation Builder [View Project](#) →

- Built a full-stack SaaS product in Next.js that generates structured presentation slides from text prompts using an LLM pipeline.
- Owned the entire product: prompt-to-slide generation flow, authentication (Better-auth), payments (LemonSqueezy), and data layer (Prisma + PostgreSQL) - designed and shipped solo.
- Focused on end-to-end UX: fast generation feedback, live preview, and export - built to feel like a real product, not a demo.

Education

Bachelor of Technology - Computer Science Engineering (7.3/10)

2020 - 2024

Lovely Professional University, Punjab, India

Skills

Frontend: React, Next.js, TypeScript, Tailwind CSS, Redux

Backend: Node.js, Express.js, Hono, REST APIs

Databases: PostgreSQL, Prisma ORM, MongoDB

Systems: Zig, C++ (working knowledge)

DevOps & Tools: Docker, Linux, Git, CI/CD (GitHub Actions), AWS (EC2, S3)