Shubham Shrivastav
Senior Full Stack Engineer

📇 CONTACT

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⭐ CORE COMPETENCIES

▷ End-to-End Feature Development

▷ TypeScript & GraphQL APIs

▷ Full-Stack Development at Scale

▷ Infrastructure & Developer Tooling

▷ React & Node.js/Python Backend

▷ High Ownership & Autonomy

▷ Bias for Action & Rapid Iteration

▷ Remote-First Async Collaboration

▷ Build/Deploy Pipelines & Docker

</> TECHNICAL SKILLS

Frontend

`Angular 2+/18` `React 18` `TypeScript`

`NextJS 14` `Angular 2+/18`

`NgRx/Redux` `RxJS` `Tailwind CSS`

`Radix UI` `Storybook`

Backend & APIs

`Node.js/NestJS` `Python/FastAPI`

`TypeScript` `GraphQL` `REST APIs`

`tRPC` `PostgreSQL` `Redis`

`Prisma ORM` `Microservices`

👤 PROFESSIONAL SUMMARY

Senior Full Stack Engineer with **8+ years** building **high-traffic production applications**, **developer tools**, and **infrastructure platforms**. Proficient in **TypeScript, Angular/React, Node.js, and Python** with experience building **end-to-end features from UI to microservices**. Built [Railway Control Center](#), a scheduling tool using Railway's GraphQL API, and [NexDocs](#), a complete SaaS product as a **solopreneur**, demonstrating **high ownership** from architecture to deployment. Working **remotely since 2018**, thriving in **async-first environments** with a **bias for action** and effective written communication. Write **clean, performant code** that balances speed of iteration with quality. Eager to learn **Rust** and contribute to open-source developer tooling.

💼 PROFESSIONAL EXPERIENCE

Full Stack Developer   Remote
Luzmo (Formerly CumuLio)
2019-06 - Present

> **Technologies:** React, Angular 18, TypeScript, Node.js, Express, GraphQL, PostgreSQL, Python, FastAPI, REST APIs, Redis, NX Monorepo, Jest, Cypress, Playwright, CI/CD, AWS

- **Built full-stack features end-to-end**, from Frontend to Node.js/Express APIs and PostgreSQL data layer. Designed and shipped **AI-powered data visualization components** and multiple dashboard features. **Collaborated closely with design** to craft intuitive interfaces, suggesting better UX approaches and making product decisions.

- **Optimized and improved AI-powered analytics assistant** serving thousands of users. Built **complex async backend workflows** for query processing, achieving **40% performance improvement** through optimization strategies and Redis caching. Wrote **engineering specs** to define features from idea to implementation.

- **Led technical decisions** for micro-frontend architecture using NX Monorepo, achieving **60% faster build times**. Demonstrated **high ownership** by rapidly prototyping solutions and delivering fault-tolerant architecture supporting **millions of requests daily with 99.9% uptime**.

- **Shipped fast with quality**. Increased test coverage from **65% to 92%** using Jest, Cypress, and Playwright. Balanced **speed of iteration** with high code quality standards. Strong **async communication** in a globally distributed, remote-first team.

Backend Developer   Remote
Luzmo (Formerly CumuLio)
2018-01 - 2019-06

> **Technologies:** Node.js, Express, TypeScript, MongoDB, PostgreSQL, REST APIs, Microservices, Docker, GitHub Actions, AWS Lambda

- Architected and implemented **scalable RESTful APIs and microservices** using **Node.js and TypeScript**, processing **thousands of API requests daily with 99.9% uptime**. Built **async job queues** for background processing and designed APIs with strong data modeling.

- Built **data processing pipelines** and integration connectors for 5+ platforms (**BigQuery, Snowflake, PostgreSQL**). Dealt with **challenges of scale** including query optimization, database migrations, and orchestrating complex workflows across services.

Software Engineer

Nagpur, India

Persistent System Ltd.

2016-09 - 2017-09

> **Technologies:** Python, Django, OCR, Tesseract, Java, Windows/.NET

- **Collaborated in small engineering teams** to deliver **mission-critical** and **highly secure** applications for **government**, achieving security standards and regulatory requirements.
- **Led technical design discussions** and **coordinated development efforts** for an **automated translation processing system** using **OCR and Google Tesseract**, reducing processing time and eliminating data errors for 1000s of documents monthly.
- Created a **cross-platform deployment solution** for **automating software installation** across enterprise environments, reducing setup time from days to minutes and saving 120+ IT staff hours per deployment cycle.
- Created a **Python data layer** for a React-based internal tool that sourced and visualized **LinkedIn** profile data, reducing API complexity and boosting query performance.

⟨⟩ PROJECTS

Railway Control Center - Service Scheduler & Dashboard (GitHub)

> **Technologies:** React, Next.js 14, TypeScript, Node.js, NestJS, GraphQL, PostgreSQL, Prisma, Docker, Railway, Cron Scheduling

- **Built end-to-end using Railway's GraphQL API** to add functionality not yet available in the Railway UI. Features include **scheduled spin-up/spin-down** of services (e.g., auto-shutdown at 6 PM, wake up at 9 AM), quick actions ("stop in 5 minutes"), and a unified health dashboard across all projects.
- Architected **TypeScript + GraphQL API layer** in NestJS that wraps Railway's API with strong typing and validation. Built **cron-based scheduler** for async job execution, storing user tokens securely and executing actions on schedule.
- Designed **intuitive React UI** with real-time status updates (polling), service cards with one-click actions, and schedule management. Deployed on Railway using Docker with **Nixpacks-compatible** configuration.

NexDocs - AI-Powered Knowledge Platform (Solo Project)

> **Technologies:** React, Next.js 14, TypeScript, Node.js, NestJS, tRPC, PostgreSQL (pgvector), Prisma, Python FastAPI, OpenAI GPT-4, Redis, Docker, Railway

- **Built and shipped a complete SaaS product from scratch** as a solopreneur, handling product vision, technical architecture, full-stack development, and production deployment. Demonstrates **high ownership, bias for action**, and ability to ship production software independently.
- Architected **full-stack application** with **React/Next.js 14 frontend** and **microservices backend** (Node.js/NestJS + Python/FastAPI). Implemented **PostgreSQL with pgvector** for vector storage, tRPC for type-safe APIs, and Redis for caching.
- Built **async processing pipelines** for document ingestion and AI inference. Engineered parallel generation system reducing processing time by **70%**, implemented real-time streaming with SSE, and designed fault-tolerant architecture with circuit breakers and retry logic.