

AYUSH ANSHUMAN SUPAKAR

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🐙 Github: [AyushSupakar](https://github.com/AyushSupakar) 🌐 Portfolio Website: www.ayushsupakar.in

Profile Summary

Full Stack SDE & Mobile App Developer | B.Tech, NIT Rourkela | React, Node.js, AWS, TypeScript

Work Experience

Full Stack Developer | [Mappstore](#) May 2026 - present

- **Meta TSP & Infrastructure:** Engineered the coexistence embedded signup to achieve official Meta Tech Service Provider status. Migrated the monolithic codebase off a high-cost browser IDE, slashing monthly AI/compute overhead.
- **Billing Engine & Payments:** Patched a critical international messaging revenue leak by architecting a dynamic Meta pricing routing gate. Integrated Razorpay, Cashfree, and multi-tier subscription logic.
- **Ecosystem APIs & Vision AI:** Engineered scalable webhooks for 8+ platforms including Shopify, Tally, and real-time logistics (Borzo, Delhivery). Designed an OCR pipeline parsing WhatsApp prescription images to automate healthcare drip campaigns.
- **CRM & Database Reliability:** Rebuilt the core lead-capture engine with granular RBAC. Resolved PostgreSQL connection bottlenecks, built live diagnostic trackers, and triaged 200+ complex client support tickets.
- **Technologies & Tools:** TypeScript, Node.js, Express, PostgreSQL, Drizzle ORM, Zod, React, Tailwind CSS, React Flow, OpenAPI, pnpm Monorepo, Meta Graph API, BSP Integrations, Git

Software Developer Intern | [Dash Constructions](#) May 2025 - Oct 2025

- Built and deployed **DCapp**, a mobile app on the **Google PlayStore** for booking construction services, utilizing **React Native** and Expo for cross-platform performance. ([Live: Click Here](#))
- Engineered a responsive web-based **Admin Panel** to track and manage active and historical bookings. ([Click Here](#))
- Built the **Official Website** for Dash Constructions, improving SEO scores by 14%. ([Live: Click Here](#))
- **Tech Stack:** React Native, GraphQL, OAuth, HTML, CSS, JavaScript, EAS.

Projects

[MyChatApp: Scalable Real-Time Messaging Platform \(Live: Click\)](#) | *React, AWS* Nov 2024

- **Architecture:** Engineered a highly scalable, event-driven server using **Node.js**, **PostgreSQL (Prisma)**, **Kafka**, and **Redis** streams to handle high-throughput message brokering.
- **Frontend & DevOps:** Built a responsive UI with **Socket.io**, **Next.js**, **TypeScript**, **Radix UI**, and **Tailwind CSS**. Configured automated CI/CD via **GitHub Actions** and provisioned serverless infrastructure via **AWS CloudFormation/SAM**.

[RockRate Pro: Geotechnical Analysis Suite \(Live: Click\)](#) | *Next.js, TypeScript* Dec 2025 - Jan 2026

- Developed a reactive **Next.js 14** app computing RMR, Q-System, and GSI underground rock mass classifications, featuring a dynamic support design algorithm and real-time visualization dashboard to identify critical failure modes using **TypeScript**, **Tailwind CSS**, **Zustand**, and **Recharts**.

[EComMARS: A Multi-Vendor E-Marketplace \(Live: Click\)](#) | *React, Next.js, AWS* May 2024 - June 2024

- Architected a full-scale multi-vendor online marketplace with Google Auth, dynamic product reviews, cart management, and an administrative portal for inventory and order management using **React**, **Next.js**, and **AWS**.

[EMS: REST API \(Repo: Click\)](#) | *SpringBoot, PostgreSQL, Docker* Oct 2024

- A REST API with **Spring Boot**, **PostgreSQL**, & **Hibernate** for EMS data CRUD operations, containerized via **Docker**.

Technical Skills

- **Front-end & Mobile:** React, React Native, Next.js, TypeScript, JavaScript, Tailwind CSS, Radix UI, Expo, HTML, CSS
- **Backend & APIs:** Node.js, Express.js, Java, Spring Boot, Socket.io, Prisma, Hibernate, GraphQL
- **Cloud, DevOps & Tools:** AWS, Vercel, Docker, GitHub Actions (CI/CD), Git, Linux, Kafka, JWT
- **Databases:** PostgreSQL, MongoDB, Redis, SQL

Education

NIT, Rourkela June 2023

Bachelor of Technology in Mining Engineering

Graduation

Certifications

- [Systems Design by Michael Progrebinsky \(Dec 2025\)](#) | [Complete Web Development BootCamp \(Feb 2024\)](#)
- [Full Stack Java and Spring Boot Developer \(July 2024\)](#) | [Placement100: DSA, OS, Computer Networks \(Aug 2023\)](#)

Achievements

- **GATE MN:** All India Rank 487 | **JEE Mains:** AIR 32.7k (96.86 percentile)
- **Competitive Programming:** [LeetCode Rating 1454](#) | **Matriculation:** CGPA 10/10