Ayush Anshuman Supakar

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Profile Summary

B.Tech, NIT Rourkela — Full Stack Web & Mobile App Developer — 10+ Live Projects

Work Experience

Software Developer Intern | *Dash Constructions*   **May 2025 - Oct 2025**

- Built and Deployed an **Android app** named DCapp, on **Google PlayStore** that lets the users book Construction, Repair and Home renovation services. Features: Authentication, Search Bar, Categorical Browsing, Slot Booking, Past Bookings Page   *(Live: Click Here)*
- Built the **Admin Panel** that updates the admins regarding current and past Bookings made on DCapp.   *(Click Here)*
- Built the **Official Website** of Dash Constructions and improved SEO Score by **14%**.   *(Live: Click Here)*
- Tech Stack: React Native, GraphQL, OAuth, HTML,CSS, Javascript, EAS.

Projects

MyChatApp: Scalable Real-Time Group Chat App (Live : Click Here) | *WebSocket, Kafka*   **Nov 2024**

- Built a real time group chat application with authentication and custom room passcodes. It's highly scalable and can be scaled to potentially serve thousands of users across multiple servers simultaneously, with Kafka and redis stream adapters. **50+** Active Users.
- Built a custom nodeJs server. Deployed it using AWS Elastic BeanStalk with a load-balanced EC2 environment for auto-scaling. Purchased the domain from GoDaddy, hosted it on AWS Route 53 with SSL certificate from AWS ACM.
- Tech Stack: Socket.io, Kafka, Redis, Docker, PostgreSQL, Prisma, Zod, TypeScript, Tailwind, NextJs, Vercel, AWS

EMS: a REST API (Repo: Click Here) | *SpringBoot, PostGreSQL, Docker*   **Oct 2024**

- Built a **REST API** with **Spring Boot**, PostgreSQL and Hibernate that does CRUD Operations on Database to maintain Employee data. Application was containerized using Docker.

EComMARS: An E-Commerce App | *MERN, NextAuth, AWS*   **May-June 2024**

- **End-User Side (Live : Click Here)**   • **Admin Side (Github Repo: Click Here)**
- Built the **client and server sides** of this E-Commerce Application along with the Seller/Admin Side.
- FEATURES (User Side): Google authentication (OAuth), Search Bar, **D**edicated Products and Category Pages, Dynamically changing Featured Products, REVIEWS and Ratings Feature. Cart, Checkout and Orders History Page.
- FEATURES (Admin Side): Admin can Add, Edit, or delete any Product/Category and view Orders Received.
- Tech Stack Used: NextJS, NextAuth, Tailwind, AWS, MongoDB, Google OAuth, Axios and Vercel

SME NIT Rourkela: Official Website (Github Repo: Click Here) | *React, BootStrap, Hostinger*   **Jan 2023**

- Built Official Website of Society of Mining, Metallurgy and Exploration (SME), NIT Rkl using ReactJs and Bootstrap.

Technical Skills

Programming Languages: Java, JavaScript, HTML, CSS, SQL

Libraries, Frameworks & Runtime Environments : React, Node.js, Express.js, Next.js, socket.io, Prisma, Tailwind, Maven, Kafka, Google OAuth, JWT, TypeScript, Spring Boot, Hibernate, EJS, Angular

Database Systems & Cloud Services: MongoDB (NoSQL), PostgreSQL(RDBMS), Redis, AWS, Vercel

App Development: React Native, GraphQL, OAuth, Expo, Hygraph(CMS), Reanimated, Lottie, Gesture Handler, MapBox, React Navigation, Flipper, Realm, Crashlytics, Google Play Console, EAS, Google Play Store Deployment

Other Technologies: Linux, Git, GitHub, Docker, GitHub Actions

Education

NIT, Rourkela   **June 2023**

Bachelor of Technology in Mining Engineering   *Graduation*

Achievements

Gate 2023 : All India Rank : 487   **Qualified (Click Here)**

Competitive Programming : LeetCode   **Rating 1454 (Click Here)**

Certifications and Courses for Career pivot

Systems Design by Michael Progrebinsky (Click Here)	**Dec 2025**
Full Stack Java and Spring Boot Dveloper - by Chaand Sheikh (Click Here)	**July 2024**
Complete Web Development BootCamp by Angela Yu (Click Here)	**Feb 2024**
Data Structutres, Algorithms, Operating Systems, Computer Networks - Placement100	**Aug 2023**