

AYUSH ANSHUMAN SUPAKAR

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Education

NIT, Rourkela

Bachelor of Technology in Mining Engineering

July. 2018 – June 2023

Graduation

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.

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

App Development: React Native, GraphQL, OAuth, Expo, Hygraph(CMS)

Other Technologies: Linux, Git, GitHub, Docker, Kubernetes, Jenkins, CI/CD pipelines, Terraform, Grafana

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 side of the DCapp** that serves the admins and lets them have all the details and updates regarding every Bookings made by users of DCapp. (*Github Repo: [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: Real-Time Scalable 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

Employee Management System: a REST API (*Repo: [Click Here](#)*) | Java, SpringBoot, Maven, PostGreSQL Oct 2024

- Developed an Employee Information Management System.
- It's a **REST API** built using **Spring Boot**, Maven, Hibernate JPA and Apache TomCat Server that does CRUD Operations on a PostgreSQL Database to maintain important data. Application was containerized using Docker.

EComMARS: An E-Commerce App | MERN, NextAuth, AWS

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, **53** Products and **32** 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.

Meowsic Player: An MP3 player (*Live Website: [Click Here](#)*) | HTML, CSS, Javascript

Aug 2023

- Built a Music player with really intuitive, user-friendly and cute aesthetic UI.

Achievements

Competitive Programming

Current Ranking : 1454

LeetCode
([click here](#))

Certifications

- Systems Design by Michael Progrebinsky (*Click Here*)
- Complete Web Development BootCamp by Angela Yu (*Click Here*)