

AYUSH ANSHUMAN SUPAKAR

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

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, Express, NodeJs, NextJs, socket.io, Prisma, Tailwind, Maven, Kafka, Google OAuth, JWT, TypeScript, Spring Boot, Hibernate, EJS. SpringBoot

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*

April 2025 - Present

- Built an **Android app** named **DC App**, that lets the users book any of the 21 different Construction, Repair and Home renovation services among 8 different categories, with desired time and date of service. (*GitHub Repo: Click Here*)
- Built the **Admin side of the DC App** that serves 5 different admins and lets them have complete control over the contents of DC App and provide all the details and updates regarding every Bookings made by users of DC APP. (*GitHub Repo: Click Here*)
- Built the **Official Website** of Dash Constructions and improved SEO Score by **14%**. (*Live Website: Click Here*)
- Tech Stack: React Native, GraphQL, OAuth, HTML,CSS, Javascript, EAS.

Projects

MyChatApp: Real-Time Scalable Group Chat App (Live Website: 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 (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 Website: 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** Prodcuts 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 Developement BootCamp by Angela Yu (Click Here)**