

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, YAML

Libraries & Frameworks & Runtime Environments : React, Express, NodeJs, NextJs, socket.io, Prisma, Tailwind, Axios, Maven, Blender, Kafka, Google OAuth, JWT, TypeScript, Spring Boot, Hibernate

Database Systems: MongoDB (NoSQL), PostgreSQL(RDBMS), Redis.

Cloud and Deployment Services: Google Cloud Platform, AWS: Elastic Beanstalk, S3, EC2, Hostinger, Vercel

App Development Technologies: React Native, GraphQL, Clerk, Expo

Other Technologies: Linux, Git, GitHub, Docker

Work Experience

Software Developer Intern | *Dash Constructions*

August 2024 - Present

- Built an **Android app** named "DC App" that lets the users order Construction, Repair and Home renovation services like: interior, carpentry, plumbing, electrical and house construction, etc. ([Click Here](#))
- Built the **Admin side of the DC APP** that lets the admin 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. ([Click Here](#))
- Built the **Official Website** for Dash Constructions ([Click Here](#))
- Tech Stack: React Native, GraphQL, OAuth, HTML, CSS, Javascript, EAS.

Projects

MyChatApp: Real-Time Scalable Group Chat App([Click Here](#)) | *WebSocket, Kafka, NextJs*

Nov 2024

- Built a real time group chat application with authentication and custom room passcodes. Made it highly scalable and can be scaled to potentially serve thousands of users across multiple servers simultaneously, with Kafka and stream adapters. **50+** Real 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** ([Click Here](#)) • **Admin Side** ([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, Products and Category Pages, Dynamically changing Featured Products, **REVIEWS** and **RATINGS** Feature. Add to 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 ([Click Here](#)) | *React, Bootstrap, Hostinger*

Jan 2023

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

Achievements

Competitive Programming

Current Ranking : 1454

LeetCode

([click here](#))

Relevant Coursework

- DevOps by Imran Teli
- Systems Design by Michael Progrebinsky