Ayush Anshuman Supakar

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Education

NIT, Rourkela   July. 2018 – June 2023
Bachelor of Technology in Mining Engineering   *Graduation*

Technical Skills

Programming Languages: Java, JavaScript, C (basic), 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, VPC, Route 53, Hostinger, Vercel

App Development Technologies: React Native, GraphQl, Hygraph, 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: End-User side of E-Commerce App (Click Here) | *MERN, NextAuth, AWS*   **June 2024**

- Built the **client and server sides** of this E-Commerce Application.
- FEATURES: Google authentication (OAuth). Search Bar. Prodcuts and Category Pages, Dynamically changing Featured Product.Public REVIEWS and RATINGs Feature. ADD to cart,Checkout Page, and Orders History Page.
- Tech Stack Used: NextJS, NextAuth, Tailwind, AWS S3, AWS IAM, MongoDB Atlas, Axios and Vercel

EComMARS - Seller/Admin side (Click Here) | *MERN, NextAuth, AWS S3*   **May 2024**

- Built a **Full Stack E-Commerce Application**'s Seller/Admin Side.
- FEATURES: Seller/Admin can Add, Edit, or delete any Product, or Category and can see Orders Received.
- TechStack: NextJS, NextAuth, Google OAuth, Tailwind, AWS S3, MongoDB.

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   **LeetCode**
Current Ranking : 1454   *(click here)*