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, NPM, Blender, Kafka, Redis, Google OAuth, JWT, SASS, Zod, TypeScript

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

Cloud and Deployment Services: Google Cloud Platform, AWS: Elastic Beanstalk, S3, EC2, VPC, Route 53, Hostinger, Vercel

Other Technologies: Linux, Git, GitHub, Docker

Work Experience

Web Developer Intern | *Dash Constructions*   **August 2024 - present**

- Built the **Official Website** for Dash Constructions *(Click Here)*
- Worked on a native app that lets the users order Home renovation services like: interior, carpentry, plumbing, electrical and construction services
- Tech Stack: HTML,CSS, Javascript, React Native, MongoDB.

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.
- 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.
- Has 50+ Active users.
- Tech Stack: Socket.io, Kafka, Redis, Docker, PostgreSQL, Prisma, Zod, TypeScript, Tailwind, NextJs, Vercel, AWS

EComMARS: Customer side of E-Commerce App (Click Here) | *MERN, NextAuth, AWS*   **June 2024**

- Built the client and server sides of this E-Commerce Application.
- FEATURES: Integrated Google authentication (OAuth). A functional search bar. Contains individual product and category pages, with a dynamically changing featured product section. Users can post public REVIEWS and RATE each product. Has the ADD to cart feature, a Checkout Page, and an 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 complete **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)*

Relevant Coursework

- Data Structures & Algorithms (GFG's Placement 100)
- Web Development by Angela Yu (Udemy)
- DevOps by Imran Teli (Udemy)
- Systems Design by Michael Progrebinsky (Udemy)