Ayush Anshuman Supakar

📞 PhNo. 6370724818   ✉ EMail: ayushsupakar22@gmail.com   in LinkedIn: ayush-anshuman-supakar

 Github: AyushSupakar   🌐 Portfolio Website: www.ayushsupakar.co.in

Education

NIT, Rourkela   **July. 2018 – June 2023**
Bachelor of Technology in Mining Engineering   *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, OAuth, 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 book any of the 21 different Construction, Repair and Home renovation services among 8 categories like: interior, carpentry, plumbing, electrical and house construction, etc.
  (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. Made it highly scalable and can be scaled to potentially serve thousands of users across multiple servers simultaneously, with Kafka and stream adapters. **50+** Active Users. Can be scaled up to serve **10,000+** users simulatenious across multiple servers.
- 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 (Live 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

- Systems Design by Michael Progrebinsky