MOHAMMED FASEEULLAH

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⌂- github.com/64657 | ◈ - leetcode.com/u/Fasee1998

Portfolio Link - https://portfo-dcqh.onrender.com/

SKILLS

- **Front-End Technologies:** HTML, CSS, JavaScript,Next.js , React.js, Redux, Bootstrap,Material UI, Tailwind CSS
- **Back-End Technologies:** Node.js, Fastify, Express.js,MySQL, PostgreSQL,Knex.js, MongoDB.
- **Tools and Technologies:** AWS, Docker, Jenkins, RESTful APIs,, AWS IoT Core, MQTT, WebSockets

WORK EXPERIENCE

Bookwater Tech Pvt Ltd: *Software Engineer*   August 2024 – Current

- **Product Development:** Building and enhancing client-facing and internal SaaS tools using React.js, Material-UI, and Redux Toolkit. Contributed to mission-critical modules such as **Account Closure workflows**, **QR/Barcode-based can tracking**, **order management**, **user management**, **pending amount flow**, **stock clearance**, and **real-time water quality dashboards**
- **API & Microservices Development:** Developed scalable Fastify–PostgreSQL APIs and modular microservices for consumer onboarding, refill order processing, promocode validation, and QR-based traceability of IoT-enabled water cans.
- **Distributor–Water Filling Station Can Scanning Flow**: Engineered robust scan workflows for **in-scanning** and **out-scanning** of cans and products across the supply chain—from **distributors to water filling stations**—ensuring real-time tracking, accountability, and inventory accuracy.
- **API Testing & Integration:** Performed API testing with Postman and integrated endpoints using Axios with Redux Toolkit for smooth UI–API interaction.
- **IoT Integration:** Worked with **AWS IoT Core** to enable **real-time water quality monitoring** by subscribing to **MQTT/WebSocket** topics for **live TDS (Total Dissolved Solids) data**, enhancing transparency and safety in water delivery.
- **DevOps & Cloud Integration**: Implemented CI/CD pipelines, containerized services using Docker, and worked with AWS (EC2, S3, IoT Core, Lambda) to support scalable, secure deployments.

Commodity CRM: *Full Stack developer intern*   November 2023 – March 2024

- **SaaS Product Development:** Contributed to the development of React-Flow, a SaaS product aimed at streamlining workflow management for clients. Responsible for creating pages like Login, signup .
- **API Development:** Developed and maintained APIs using Neo4jGraphQL, facilitating efficient communication between the front end and the Neo4j database.

EDUCATION

GUVI IIT Madras || Chennai, Tamil Nadu   June 2023 – October 2023
MERN Stack Development Course

College Of Engineering, Anna University ||Chennai, Tamil Nadu   December 2020 – July 2022
M.E Industrial Engineering, (CGPA – 8.66)

P.B College of Engineering, Anna University ||Chennai, Tamil Nadu   August 2016 – July 2020
B.E Mechanical Engineering, (CGPA – 7.49)

PROJECTS

Tomato: Food Delivery Web Application
- **Technologies** MERN stack (MongoDB, Express.js, React.js, Node.js), CSS.
- **User Features:** Responsive UI for browsing menus, placing orders, and real-time delivery tracking; integrated secure payment gateways.
- **Admin Panel:** Order monitoring, user management, menu/account CRUD operations.

Shopper: E-commerce Web Application
- **Technologies:** MERN stack (MongoDB, Express.js, React.js, Node.js), CSS.
- **User Features:** User authentication, product management, and a seamless shopping experience.
- **Admin Panel:** User management, menu/account CRUD operations.

Employee Management System: A website to store employee details
- **Technologies:** MERN stack (MongoDB, Express.js, React.js, Node.js), CSS.
- **User Features:** CRUD operations for managing and storing employee information efficiently.

Note Zipper: **A** Notes App
- **Technologies:** MERN stack (MongoDB, Express.js, React.js, Node.js), Redux, CSS.
- **User Features:** Create, read, update, and delete (CRUD) notes with a responsive user interface
- **Functionality:** State management with Redux; seamless and efficient note management