

S M GHULAM GHAUS FAIYAZ

Full Stack Developer

Kolkata, WB

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LinkedIn

Github Leetcode

Profile Summary

Full Stack Developer with experience in MERN stack development, currently working as Associate Software Engineer at Indus Net Technologies. Proven expertise in ReactJS, Node.js, database optimization, and API development. Passionate about building scalable web applications with focus on performance and user experience. Strong fundamentals in OOPS and software design patterns for developing production-grade applications.

Experience

DCG Data Core System

Jan 2024 – Sept 2024

Project Associate

KOL

- Developing an Ed-Tech platform name, to bridge the gap between school and college%
- Integrated RESTful APIs to enhance functionality
- Enhanced user experience by designing responsive UI

Indus Net Technologies

Sept 2024 – Present

Associate Software Engineer

Kol

- Project Overview : an Health Risk Assessment Application, it's main aspect to understand user and assess the health risk they can have in future and how they can avoid it by implementing certain practices in daily schedule%.
- Challenges : Database migration was one of the biggest challenge when the project was handed over to our team. It's database was build on firebase and the entire data was in nested format, so, I had to migrate it into mongodb and had to use normalization for different table/documents and to make it more dynamic in format for the admin panel use where they apply entire CRUD operations for the mobile app.
- Tech stacks : React Native, Nodejs(Nestjs), Reactjs(Prime React), Mongodb, Tanstack Query
- Responsibilities : Frontend Provide support in logic and ui implementation for the admin panel of mobile app, to ensure dynamic first approach.
- Responsibilities : Backend Providing api support for both mobile app and admin panel. Writing more reusable codes, optimized code to reduce response times, code readability, etc.
- AI Integration Developed a Retrieval-Augmented Generation (RAG) system with OpenAI's GPT-4, retrieving user-specific health data to generate highly personalized wellness plans and motivational content.

Projects

Second Brain | app.second-brain.live | MERN, Typescript, JwT, Zustand, Zod, Tanstack Query, Nodemailer April 2025

- Developed a full-stack "Second Brain" application using Node.js, Express, Reactjs and MongoDB, enabling users to save, manage, and retrieve web links and associated content through a RESTful API.
- Integrated Google's Generative AI (Gemini) to automatically process and analyze submitted URLs, generating concise summaries and relevant tags to enrich the user's content library.
- Implemented a secure user authentication system featuring JWT for session management, bcrypt for password hashing, and a complete email verification flow using OTPs sent via Nodemailer.
- Designed and built a modular, scalable backend architecture by separating concerns into services, controllers, and models, and enforced data integrity using Zod for schema validation.

Technical Skills

Programming Languages: Python, HTML/CSS, JavaScript, Typescript

Databases: MongoDB(NoSQL), PostgreSQL(SQL)

ORM: TypeORM, Prisma **Developer Tools:** VS Code

Libraries/Frameworks: Node.js, Express, Nestjs GitHub, Framer-Motion, Reactjs

Additional Skills: Git, DSA

Education

IBS (CGPA - 7.79)

2019 – 2021

PGPM

Kolkata, WB

Ideal Institute of Engineering(MAKAUT) (CGPA - 7.72)

2012 – 2016

Bachelor of Technology

Kalyani, WB

Trainings

Coding Ninjas

March 2023 – December 2024

Full Stack Web Development

- Backend | Frontend | Python | Data Structure