TUSHAR GAHLAUT

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GeeksforGeeks ⋄ LeetCode

WORK EXPERIENCE

Full Stack Engineer - IndiGo (InterGlobe Aviation Ltd)   **July 2023 - Present**

- Developed **6Eskai**, IndiGo's GPT-4 Based Chatbot, by using **React.js** and implemented real-time response streaming, also worked on features such as Flight Selection and Payment Gateway Redirection.

- Developed **Microservices and REST APIs with Node.js, Typescript** and deployed them on **Red Hat Openshift** and ensured Continuous Integration and Continuous Deployment using **Tekton** Pipelines.

- Implemented **Kafka** and **AMQ-Streams** as communication channels in IndiGo's applications to ensure Decoupling and Fault Tolerance.

- Followed **Test Driven Development** approach and used **Jest, Mocha, Chai etc** libraries to implement Test Suites to ensure high code coverage.

- Implemented **Microsoft Azure AD authentication** for IndiGo's internal applications, also worked with **Azure Blob Storage, Azure OpenAI Services** as per the business requirements.

Frontend Tech Consultant - Kurage   **August 2022 - January 2023**

- Built 25+ new features for the client's website with tools such as **Next.js**, **Redux-Toolkit**, **GSAP** etc.

- Integrated APIs using **Apollo GraphQL** which led to a more dynamic and interactive user interface.

EDUCATION

Bachelor of Technology in Computer Science and Engineering   **2019 - 2023**
Guru Gobind Singh Indraprastha University, New Delhi, **CGPA : 9.1**

PROJECTS

- **TalkSpot** *(Link)*
  Technologies Used : NextJS, Redux Toolkit, NodeJS, ExpressJS, MongoDB, Socket.io
  A real time chat website which allows users to create 1-1 and group chat rooms to send/receive messages.

- **TMarket** *(Link)*
  Technologies Used : ReactJS, Redux Toolkit, NodeJS, ExpressJS, MongoDB, Stripe
  An E-Commerce platform to complete all of your fashion shopping needs, uses Stripe for making payments.

TECHNICAL SKILLS

Programming Languages: C++, Javascript, Typescript, Java, HTML CSS, Python
Frameworks/Libraries: NextJs, ReactJs, NodeJs, Redux-Toolkit, ExpressJS, Socket.io, Apollo GraphQL
Database: MongoDB, MySQL, Sqlite3, Redis, Azure Blob Storage
DevOps and Cloud: Microsoft Azure, Docker, Kubernetes, CI/CD Pipelines, Tekton, OpenShift
Message Brokers: Kafka, AMQ Streams
API and Development Tools: REST, GraphQL, Visual Studio Code, Postman, GitHub, PyCharm, CoPilot
Core CS Subjects: Data Structures and Algorithms, OS, Computer Networks, DBMS, OOPs

ACHIEVEMENTS

- **Smart India Hackathon 2022 National Finalist -** Developed a platform to bring together multiple programming resources for students. (*Certificate*)

- Solved **500+** Data Structures and Algorithm Questions on multiple coding platforms.