TUSHAR GAHLAUT

+91 9717562252 ⋄ tushargahlaut74@gmail.com ⋄ LinkedIn ⋄ GitHub ⋄ LeetCode

PROFILE SUMMARY

I am a skilled Software Engineer having 1.5 Years of Experience developing and maintaining scalable applications using **Modern Software Technologies and Frameworks, Cloud Platforms and Generative AI Services**.

WORK EXPERIENCE

Software Development Engineer - IndiGo   **July 2023 - Present**

- Developed **6Eskai**, IndiGo's **GenAI** powered chatbot, used **React.js** to implement real-time response streaming, also developed features such as **Flight Booking** and **Juspay Payment Integration**.
- Integrated **Navitaire** APIs and **Microservices** on 6Eskai for widely used features like Flight Booking, Boarding Pass, Web Check-In, Plan B, Seat Selection and many more.
- Led migration of IndiGo's legacy Yellow Messenger live agent to **Salesforce's** services. Worked extensively with **Server-Sent Events** and **Streaming Responses** with **Python FastAPI**.
- Integrated **Microsoft Azure AI Services** like **Semantic Search, Document Intelligence etc** and **Azure Cosmos DB** for building 6Eskai's Knowledge Base to answer customer's related queries.
- Implemented **CI/CD** Pipelines using **GitHub Actions** and **Jenkins** on Openshift and Azure, managed deployment of internal applications written using **Java Spring Framework**.

Frontend Tech Consultant - Kurage *(Internship)*   **August 2022 - January 2023**

- Built Frontend for MORF and SKG websites using **Next.js**, implemented state management using **Redux Toolkit** and **Google Auth** for secure Authentication.
- Integrated APIs using **Apollo GraphQL** for data querying and mutation operations like fetching Product Details, handling File Uploads to **AWS S3 Buckets** , User Auth through **Google Sign In** etc.

TECHNICAL SKILLS

Programming Languages: C++, Javascript, Typescript, Java, Python.
Frameworks/Libraries: ReactJs, NodeJs, Apollo GraphQL, FastAPI, Jest, Spring Framework (Spring Web, Spring Data JPA/Hibernate, Spring Security etc), JUnit, Mockito.
Databases: MongoDB, Azure CosmosDB, MySQL, PostgreSQL, Redis, Azure Blob Storage
DevOps and Cloud: Microsoft Azure, Docker, Kubernetes, Jenkins, OpenShift, GitHub Actions
Message Brokers and Analytics: Kafka, AMQ Streams, ELK Stack
Core CS Subjects: Data Structures and Algorithms, Operating Systems, Computer Networks, DBMS, OOPs
API and Development Tools: REST, GraphQL, Visual Studio Code, Postman, GitHub, PyCharm, CoPilot

EDUCATION

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

PROJECTS

- **Trade Vibes** *(Link)*
  Technologies Used: MERN Stack, Redis, Cloudinary, Typescript, Shadcn/ui, Docker, Openshift.
  An online platform for discussing stock market trends and sharing investment knowledge. Did integration of APIs from NSE India website for Nifty 50 data and Redis for caching.

- **Talk Spot** *(Link)*
  Technologies Used: NextJS, Redux Toolkit, Cloudinary, 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.