

# TUSHAR GAHLAUT

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## PROFILE SUMMARY

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

## WORK EXPERIENCE

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**Software Development Engineer - IndiGo (InterGlobe Aviation Ltd)** **July 2023 - Present**

- Developed **6Eskai**, IndiGo's **GenAI** powered autonomous agent, by using **React.js** and implemented real-time response streaming, also worked on features such as Flight Booking and Payment Gateway 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**.
- Used **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 fetching Product Details, handling File Uploads, User authentication etc.

## EDUCATION

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

## PROJECTS

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- **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.
- **TalkSpot (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.

## TECHNICAL SKILLS

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**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, Elasticsearch, Logstash, Kibana  
**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