

# TUSHAR GAHLAUT

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GeeksforGeeks ◇ LeetCode

## WORK EXPERIENCE

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### 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 **REST APIs with Node.js, Typescript, Python FastAPI** and deployed them on **Red Hat Openshift** and ensured Continuous Integration and Continuous Deployment using **Tekton** Pipelines.
- Optimised server performance by implementing **Redis caching**, reducing database queries and enhancing response speeds on IndiGo's internal flight booking platform.
- 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

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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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- **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

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**Programming Languages:** C++, Javascript, Typescript, Java, HTML CSS, Python

**Frameworks/Libraries:** NextJs, ReactJs, NodeJs, Redux-Toolkit, ExpressJS, Socket.io, Apollo GraphQL, FastAPI, Spring Boot, Jest, Mocha, Chai.

**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

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