

TUSHAR GAHLAUT

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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.
- Integrated **Navitaire** and **SkyPlus** APIs on 6Eskai for various features like Ticket Booking, Flight Search, Plan B Integration etc.
- Optimised server performance by implementing **Redis Caching**, reducing database queries and enhancing response speeds on IndiGo's Staff Leisure Travel platform and 6Eskai.
- Leveraged **Microsoft Azure AI Services** to develop GPT-powered chatbots tailored for internal applications at IndiGo, also worked on **Semantic Search** and **SFTP** for building their Knowledge Base.
- Developed **REST APIs with Node.js, Typescript, Python FastAPI** and deployed them on **Red Hat Openshift** and **MS Azure**.
- Implemented high code coverage Test Suites using **Jest, Mocha, Chai** etc for SCA Tools like **SonarQube**.

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: ReactJs, NodeJs, Redux-Toolkit, ExpressJS, Apollo GraphQL, FastAPI, Jest
Database: MongoDB, Azure CosmosDB, MySQL, PostgreSQL, Redis, Azure Blob Storage
DevOps and Cloud: Microsoft Azure, Docker, CI/CD Pipelines, Tekton, OpenShift, GitHub Actions
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](#))