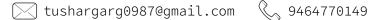
# Tushar Garg

# Full Stack Software Engineer











## **EXPERIENCE**

JHALAK X CORP | Backend & DevOps Intern

May 2024 - October 2024 | Remote, India

- → Engineered a robust backend system in Flask, utilizing WebSockets and WebRTC
- → Optimized WebRTC performance by setting up custom STUN/TURN servers.
- → Developed and maintained CI/CD pipelines using Jenkins and GitHub actions and reduced times by 30%.
- → Configured and ELK stack for logging and monitoring.

#### **CONCENTRIX INDIA** | IT OPERATIONS INTERN

February 2024 - May 2024 | Gurugram, India

- → Configured VLANs for optimized network segmentation and security.
- → Implemented Group Policy over Active Directory for better system management.

#### SNIVE TECHNOLOGIES | FULL STACK DEVELOPER INTERN

August 2023 - February 2024 | Remote, India

- → Developed the company website (snive.io).
- → Integrated GenAl with backend using Node.js and FastAPI.
- → Deployed applications on bare metal servers with Docker and Nginx.

## THE INTERN BAY | BACKEND DEVELOPER INTERN

May 2023 - June 2023 | Remote, India

- → Built scalable backend API for seamless interactions.
- → Added live chat and streaming, boosting engagement by 40%.

# **PROJECTS**

SMART BARODA | PYTHON, GENAI, OPENAI, NODEJS, AZURE, MONGODB

August 2024 | Github

→ Developed a solution to generate personalized marketing materials, financial reports, and educational content using advanced Al.

IIIT UNA WEBSITE | REACTJS, EXPRESSJS, MONGODB

July 2024 | Visit Website

→ Led the development and management of the official IIIT Una website, coordinating a team to ensure timely delivery.

# GARGIAN MASTERCUT (FREELANCE) | REACT NATIVE, REDUX, EXPO

July 2024 | Play Store

→ Developed a full fledged Ecommerce app for a freelance client.

### RAPTORX AI (FREELANCE) | REACTJS, TAILWIND CSS

July 2024 | Visit Website

→ Developed a buisness website for a freelance client.

### GET-REACT-TEMPLATE - NPM PACKAGE | JAVASCRIPT, NPM

May 2023 | NPM registory

- → Created an npx executable library for setting up predefined templates.
- → Streamlined template initialization for faster project setup.

## SKILLS

#### **PROGRAMMING**

Proficient:

C++ • C • JavaScript • Python · Golang · Typescript

Experienced:

Python • JavaScript

Coding Profiles:

Leetcode • Codeforces

#### LIBRARIES/FRAMEWORKS

ReactJs • React Native •

Tailwind CSS • Redux •

ExpressJs • Gin • Flask •

FastAPI • Angular • Expo

# TOOLS/PLATFORMS

Git • Docker • Github Actions • Jenkins • AWS CDK • ELK Stack • Nginx

# **CLOUD TECHNOLOGIES**

AWS ECS • AWS Lambda • Azure App Service • AWS EC2 • AWS S3 • Azure VM

### **DATABASES**

MongoDB • MySQL • DynamoDB

### **EDUCATION**

## **IIIT UNA**

BACHELOR'S IN COMPUTER SCIENCE AND ENGINEERING May 2025 | Una, India School of Computing Cum. GPA: 8.68 / 10.0

#### COURSEWORK

DSA • Computer Networks • Operating Systems • DBMS

#### **ACHIEVEMENTS**

- Top 20. SmartBOB
- · Semifinalist, Flipkart Grid