

Tushar Garg

Full Stack Software Engineer

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EXPERIENCE

JHALAK X CORP | BACKEND & DEVOPS INTERN

May 2024 - October 2024 | Remote, India

- Engineered a robust backend system in Flask, utilizing WebSockets and WebRTC protocols.
- 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 GenAI 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 AI.

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 registry](#)

- 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