

TUSHAR KANTI SOAM

Meerut, Uttar Pradesh

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Education

Indian Institute of Information Technology Surat

Bachelor of Technology in Computer Science and Engineering

- CGPA 7.44/10

Surat, Gujarat

2021 – 2025

Skills

Programming Languages: Python, C, JavaScript, SQL, C++

Web Development: HTML/CSS, Node.js, React.js, Express.js

Databases: MongoDB, MySQL

Dev Tools & Technologies: Git, GitHub, Google Colab

Areas of Expertise: Machine Learning, Full-Stack Development, Agile Methodologies

Soft Skills: Leadership, Public Speaking, Teamwork, Project Management

Coursework: Data Structures and Algorithms, Operating Systems, Computer Networks, Database Management Systems, Systems Software, Object-Oriented Programming, Software Engineering, Machine Learning

Professional Experience

Full Stack Intern | Certificate

Jan 2025 – May 2025

Techonico Pvt Ltd.

- Engineered and deployed RESTful APIs with Node.js and MongoDB, enhancing backend response time by 30%.
- Deployed services on AWS EC2 with auto-scaling and monitoring (99.9% uptime).
- Reduced system latency by 25% through modular architecture and query optimization.

MERN Stack Trainee | Certificate

May 2023 – Jul 2023

GeeksforGeeks

- Built secure full-stack web apps with authentication and CRUD operations using MERN stack.
- Optimized API security and database design, improving delivery speed by 20%.
- Collaborated in Agile sprints and deployed functional modules ahead of schedule.

Key Projects

Bro-Code | JavaScript, React.js, Node.js, MongoDB | GitHub

- Spearheaded a web-based Remote Coding Platform supporting 5+ programming languages with real-time collaboration and syntax highlighting.
- Developed with the MERN stack (MongoDB, Express.js, React.js, Node.js) to ensure a scalable and efficient full-stack architecture.
- Incorporated features for concurrent editing by 100+ users, enhancing productivity and teamwork.

SAFAR.i | JavaScript, Node.js, MongoDB, Stripe API | GitHub

- Built a robust hotel booking web server using Node.js and Express.js, optimizing the reservation process.
- Implemented a RESTful API with Axios, reducing server response time and improving overall system performance.
- Integrated Stripe payment gateway, enabling secure transactions in 135+ currencies across 40+ countries.

CurlUp | Python, Scikit-Learn, OpenCV, Google Colab | GitHub

- Engineered a machine learning-based hairstyle recommendation system achieving 87% accuracy in matching hairstyles to face shapes using CNN-based facial feature extraction.
- Utilized TensorFlow and scikit-learn to train classification models on 5,000+ hairstyle images, resulting in 92% user satisfaction rate in personalized recommendations.
- Integrated OpenCV for real-time face shape detection and Flask API deployment, reducing recommendation response time to under 2 seconds with 95% uptime.

Achievements & Leadership

- Led the Guitar Section of "Sarang", the college music club, by mentoring new members and facilitating ensemble performances.
- Spearheaded a Partnership with a Burger Brand for in-college break-time delivery. Managed logistics and order fulfillment through a 150+ student network on Whatsapp.
- **Management Co-Lead:** Coordinated logistics for 300+ students during IIIT Surat's Annual Fest, ensuring smooth execution of events.
- Solved 850+ problems on LeetCode (2012 rating, Knight Level) · Specialist on Codeforces (1447 rating)
- Ranked Top 20 in DevHeat Beta Hackathon · 6th place in CodeRush by Newton School
- **Volleyball Captain** – Led 8-member team at Inter-IIIT Sports Meet (1700+ participants)