

Tushar Gautam

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Education

- Currently pursuing **Bachelor of Technology** at Invertis University (2022-2026), with a current CGPA of **8.45**.
- Completed **Senior Secondary (12th)** in 2022 with a score of **84%** from B.B.L. Public School, Bareilly.
- Completed **Higher Secondary (10th)** in 2020 with a score of **85%** from G.K. City Montessori School, Bareilly.

Skills

- Programming:** C/C++, JavaScript, Python, Embedded C.
- Frameworks & Libraries:** Next.js, React.js, Node.js, Express.js, Mongoose, Tailwind CSS.
- Tools & IDEs:** Git/GitHub, AWS(EC2, S3), GitHub Actions, Postman, Docker, Kubernetes.
- Databases & Backend:** MongoDB, MySQL, PostgreSQL, Redis, Firebase, Fast API.

Experience

Dysmech Competency Services

Jan 2025 – Apr 2025

Web Developer Intern

Bareilly, India

- Built and deployed full-stack web applications using Next.js, React, and Mongo DB, implementing dynamic routing, API integrations, and responsive UI components.
- Collaborated with a dynamic team to build and refine innovative projects, enhancing problem-solving and technical skills.
- Designed and delivered innovative projects such as a Smart Bus Management System with real-time tracking and route optimization, improving transport coordination efficiency.

Projects

Snap UI

March 2025 – April 2025

Next.js, React.js, Typescript, Tailwind CSS

Individual Project

- Developed a powerful AI-driven UI builder that enables users to generate and customize modern web interfaces effortlessly.
- Implemented dynamic component rendering, real-time editing, and AI-assisted design suggestions using Next.js, Tailwind CSS, and Convex backend.
- Automated workflows for auth, component generation, and previews, reducing manual setup effort by ~60%.

BrandBot AI Agent

July 2025 – August 2025

Python, Fast API, LangChain, React.js, Tailwind CSS

Individual Project

- Built an autonomous LinkedIn AI agent using LangChain, LangGraph, and Google Gemini that automates brand analysis, trend research, and content creation.
- Designed a multi-agent workflow with 5+ specialized agents, integrated Tavily Search for real-time insights, and reduced manual content ideation effort by ~70%.

Parking Management – Vehicle Detection and Recognition

Sept 2024 – Nov 2024

Python, Computer Vision

Individual Project

- Implemented Computer vision pipelines with Python + OpenCV to detect vehicles in restricted zones with >90% accuracy.
- Trained recognition models using TensorFlow/Keras, improving classification across varied environments. Integrated JavaScript libraries to enhance interactivity, enabling smooth navigation and engaging learning features.

CI/CD Using Jenkins, Docker, and AWS EC2

April 2025 – May 2025

AWS EC2, Jenkins, Docker, SSH, AWS CLI, Bash, Git

Individual Project

- Designed and implemented a robust CI/CD pipeline using AWS, Docker, Jenkins services, enabling automated code deployment to EC2 instances for seamless integration and delivery.
- Built Jenkins workflows with secure SSH integration and custom deployment scripts, ensuring reliable and consistent deployments directly to EC2 environments.

Leadership & Awards

- Participated in 5+ hackathons including Adobe India Hackathon 2025, Bhartiya Antariksh Hackathon by ISRO etc.
- Problem Solving Skills - 1497 Contest rating on **Leetcode** and 848 on **CodeForces**.

Certifications

- Zero Trust Cloud Security** - ZScaler
- Mastering DSA in C/C++** - Udemy
- Postman API Fundamentals Student Expert** - Postman