

# TUSHANT SINGH

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## PROFILE SUMMARY

Final-year Computer Science student specializing in Full Stack development with Generative AI integration. Built production-ready SaaS applications featuring real-time AI capabilities, payment systems, and scalable cloud deployment. Proficient in Java, React.js, Node.js, MongoDB, AI API integration, and modern development practices.

## EDUCATION

### ABES Institute of Technology (AKTU)

Bachelor of Technology in Computer Science (Data Science)

Ghaziabad, India

Expected Aug 2026

### Gandhi Nagar Public School

Moradabad, India

Class 12<sup>th</sup> (CBSE) | Grade: 79%

Apr 2021 - May 2022

Class 10<sup>th</sup> (CBSE) | Grade: 81%

March 2019 - Jun 2020

## SKILLS SUMMARY

- **Programming Languages:** C++, Java, JavaScript
- **DSA:** Problem solving with C++
- **Frontend:** HTML5, CSS3, Tailwind CSS
- **Backend:** Node.js, Express.js, REST APIs
- **Databases:** MySQL, PostgreSQL, MongoDB
- **AI Technologies:** Large Language Models, AI API Integration (ClipDrop, Groq Cloud)
- **Tools & Deployment:** Git, GitHub, Render, Vercel

## WORK EXPERIENCE

### WEB Developer Intern | Zidio Development | [Certificate](#)

Aug 2025 - Oct 2025

- Developed and maintained web applications using JavaScript technologies, creating responsive user interfaces and reliable backend services, while working with distributed teams in an agile workflow.

## PROJECTS

### AI-Powered Medical Passport | [GitHub](#) | [Live](#)

- Built a full-stack **AI-powered medical passport system** using **React.js** for the frontend and **Node.js with Express.js** for the backend, enabling secure digital storage and retrieval of patient medical records.
- Designed and developed **RESTful APIs** with secure data handling, **JWT-based authentication**, and **CORS configuration** to support real-world healthcare workflows for doctors and patients
- Deployed the **frontend on Vercel** and the **backend on Railway**, replacing localhost dependencies with live production endpoints to ensure seamless cross-platform access and scalability.

### Migraton – The Safe Move | [GitHub](#)

- Developed a **data-driven relocation intelligence platform** using **HTML, CSS, JavaScript, RESTful APIs, and MySQL**, enabling users to evaluate locations based on **safety, affordability, and infrastructure insights**.
- Implemented **crime analytics and neighborhood safety metrics** (theft, assault, women's safety, night safety).
- Designed a modular frontend-backend architecture with structured databases for real-world migration planning.

### WheelShare – Car Rental Management | [GitHub](#)

- Developed a **full-stack car rental management system** using **Java Spring Boot, Spring MVC, MySQL** enabling users to browse available vehicles, book rentals, and manage returns..
- Implemented end-to-end car rental workflows with automated booking, pricing, returns, and rental history management.
- Built a **responsive web interface** using **HTML, CSS, JavaScript, Bootstrap 5, and Thymeleaf**, ensuring smooth user experience and cross-device compatibility.

## ACHIEVEMENTS

- Solved 500+ data structures and algorithms questions on LeetCode, improving problem-solving ability and understanding of core concepts. [Leetcode](#)
- Earned certifications in Deep Learning (Infosys Springboard) and Frontend Web Development using React (ABESIT), strengthening skills in AI fundamentals and modern web development. [Certificates](#)
- Developed and deployed 5+ mini projects using modern web development tools on Vercel, gaining hands-on experience in deployment, scalability, and collaborative development. [Live](#)