AYUSH TOMAR

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Summary

Electronics and Communication student with a focus on AI and ML. Skilled in full-stack development and backend systems. Experienced in building real-world projects, including a food delivery web app and embedded safety systems. Strong in problem-solving and eager to learn.

Education

Netaji Subhas Institute of Technology, University of Delhi, India 2022 - 2026

● Branch ECE (AI&ML)

Jawahar Navodaya Vidyalaya, Muzaffarnagar

• Class XII (CBSE), 85.2%
• Class X (CBSE), CGPA: 9.2

Skills

Languages: C++, C, HTML, CSS, JavaScript, Python, SQL.

Tools & Tech: Git, GitHub, Node.js, Express.js, MongoDB, React.js, Embedded Systems, Arduino.

Core Areas: Full Stack Development, Backend Development, DSA, Sensors, Real-time Systems, API Integration,

Authentication & Authorization

Projects

Food Delivery Web App – Full Stack Ordering Platform (2025)
Tools: JavaScript, Node.js, Express.js, React.js, Stripe API, MongoDB

 • Developed a full-stack food delivery application enabling users to browse restaurant menus, manage
cart items, and place orders with real-time order tracking
• Built an interactive Admin Panel for streamlined menu management, order processing, and dynamic
status updates
• Implemented secure payment processing using Stripe API and managed scalable data storage with
MongoDB
• Designed responsive front-end interfaces with React.js for seamless user experience across devices

Driver Drowsiness Detection System (Feb 2024)

Tools: Infrared Sensor, Arduino, Buzzer, Embedded C
• Developed a prototype to detect drowsiness in drivers using an IR sensor on smart glasses.
• Triggered an alarm if prolonged eye closure was detected to prevent road accidents.
• Focused on embedded systems integration and real-time safety applications.

Developer Portfolio Website

Tools: HTML, CSS, HTML5UP Template
• Created a responsive portfolio website showcasing resume, achievements, and projects.
• Customized a modern template for a clean layout and intuitive navigation.

Academic and Extracurricular Achievements

• Solved 500+ DSA problems on LeetCode, GFG.
• Selected for Super 30 – India's top merit-based free JEE coaching program.
• Selected in Indian Air Force (2020) for technical role.
• Served as Sports President at NSUT East Campus(2024–25).

Positions of Responsibility

Sports President, NSUT Aug 2023 – Aug 2025.
• Organized college sports events, led inter-departmental tournaments.
• Coordinated with 500+ students and managed logistical execution of athletic programs.