

# Ankit Verma

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## SKILLS

- **Frontend:** HTML, CSS, Tailwind CSS, JavaScript, React.js, React Router, Redux, Context API, View Engines
- **Backend:** Node.js, Express.js, Mongoose
- **API Integration:** RESTful APIs, Fetch API, Postman, OAuth2
- **Database:** MySQL, MongoDB
- **Programming Languages:** C, C++, Python, JavaScript
- **AI/ML & Data Science:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn
- **Tools & Platforms:** Git, GitHub, VS Code, Linux, Windows
- **Core CS:** Data Structures & Algorithms, Algorithm Optimization, JWT Authentication

## WORK EXPERIENCE

### Freelance Full-Stack Developer

Jan 2024 – Present

- **Delivered** 5+ MERN applications, improving load times by 40% and increasing user engagement by 50%.
- **Engineered** 10+ reusable React components, accelerating development cycles by 35%.
- **Integrated** 5+ APIs (OAuth, Razorpay), strengthening security and boosting payment processing efficiency by 80%.
- **Optimized** troubleshooting workflows, cutting deployment issues by ~25% across projects.

## PROJECTS

### Intelligent WhatsApp Reply Engine | [GitHub](#) | [Live](#)

Jan 2024 - Jan 2026

- **Engineered** a MERN-based WhatsApp automation system featuring persistent QR login and **real-time message handling with 99% session stability**, improving bot uptime significantly.
- **Designed** a knowledge-driven reply engine with **intent + language detection (95% accuracy)** and an NLP tone-matching layer that boosted multilingual response correctness by ~60%.
- **Implemented** advanced WhatsApp command controls that **reduced manual rule updates by 70%**, enabling complete auto-reply management directly through chat.
- **Tech Stack:** React.js · Node.js · Express.js · MongoDB · Baileys/WhatsApp-Web.js · JWT Auth · NLP (Embeddings & Language Detection) · REST APIs · Socket.io

### InternshipHub – Multi-Role Internship Management Platform | [GitHub](#) | [Live](#)

Jun 2025 - Aug 2025

- **Built** a secure multi-role platform (Admin, Supervisor, Student), improving workflow navigation by 30%.
- **Delivered** core modules (project applications, verification, announcements, user management) and a real-time messaging system, **cutting manual work by 40% and communication delays by 50%**.
- **Integrated** admin utilities (Excel export, filters, review flows) and student tools for project registration & profile updates.
- **Tech Stack:** React.js · Node.js · Express.js · MongoDB · JWT Authentication · REST APIs · Axios · Socket.io

## CERTIFICATES

- [From Data to Decisions : A Hands-On Approach to Data Science](#) - Training Program
- [Entrepreneurial Bootcamp](#) - Certificate of Participation

Jul 2025

Sep 2024

## ACHIEVEMENTS

### [3rd Position – Entrepreneurial Bootcamp](#)

Sep 2024

Awarded by LPU's E-Cell for innovative project work, receiving a special recognition from the Head of E-Cell.

### [INSPIRE-SHE Scholar \(DST, Govt. of India\)](#)

Jun 2023

Received ₹1,20,000 scholarship + ₹20,000 mentorship grant under DST for academic excellence; among top 1% selected students in India.

## EDUCATION

### [Lovely Professional University](#)

Punjab, India

Bachelor of Technology - Computer Science and Engineering; CGPA: 8.06

Aug 2023 – Present

**Specialization:** Artificial Intelligence & Machine Learning

### [HAZI MOHD AMIN I C HARRAIYA](#)

Basti, Uttar Pradesh

Intermediate; Percentage: 80.8

Apr 2021–Mar 2022

### [BABA BAIJNATH T S I C K](#)

Basti, Uttar Pradesh

Matriculation; Percentage: 85

Apr 2019–Mar 2020