

# Anshika Pandey

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## Education

Pranveer Singh Institute of Technology

Kanpur, India

Bachelor of Technology – Artificial Intelligence & Machine Learning; CGPA: 7.76

Oct 2023 - Aug 2027

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## Projects

### GoTicket | Full-Stack Bus Ticket Booking Platform

Tech: MERN, Python, React.js, JWT, GPS API

Sep 2025 – Present

**Role:** The Backend Developer

- Developing a **responsive bus ticket booking system** with real-time seat availability and GPS-based live bus tracking.
- Integrating an **AI-powered chatbot** to handle passenger queries instantly, improving customer experience.
- Implemented **secure authentication and data management** using JWT and MongoDB.
- Built **interactive UI components** for easy ticket booking and seat visualization.
- Collaborated with a team to **design REST APIs**, ensuring smooth data flow between frontend and backend.
- Delivered a **scalable, mobile-friendly solution**, optimized for performance and cross-browser compatibility.

### AlgoMate | Personal Project -Interactive DSA Learning Platform

Tech: MERN, React.js, Tailwind, Python, JWT, API Integration

Apr 2025 – Sep 2025

- Developed a **self-initiated platform** to make Data Structures & Algorithms learning more interactive.
- Integrated an **AI chatbot** to provide real-time explanations, code snippets, and problem-solving guidance.
- Created a **topic-wise roadmap with structured notes**, helping learners prepare more effectively.
- Implemented an **in-browser compiler** supporting Python, C, C++, and JavaScript for hands-on coding practice.
- Designed a **scalable full-stack solution** with a clean UI using React.js & Tailwind, and backend APIs using Node.js & Express.js.

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## Certificates / Achievements

- Achieved **5 stars in Problem Solving** and **5 stars in Python** on HackerRank.
- Solved **200+ problems on LeetCode**, strengthening data structures & algorithm problem-solving skills.
- Completed **Career Essentials in Generative AI** by Microsoft & LinkedIn Learning.
- Certified in **Prompt Engineering** (Simplilearn) and **Intro to SQL** (Kaggle).
- Completed **Software Engineering Job Simulation** (J.P. Morgan Chase – Forage), gaining experience in API integration & debugging.
- Certified in **HTML5, CSS3, and Twitter Bootstrap** (Infosys Springboard).

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## Technical Skills

- **Programming Languages:** Python, Java
- **Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, Tailwind CSS, Flask
- **Databases:** MySQL, MongoDB
- **AI/ML & Data:** NumPy, Pandas, Matplotlib
- **Tools & Technologies:** Git & GitHub, VS Code, REST APIs, Docker, Firebase
- **Core CS Concepts:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Operating Systems, Computer Networks