

Utkarsh Srivastav

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Summary

Software Engineer with hands-on internship experience building backend services, REST APIs, and full-stack web applications. Skilled in Java, Python, JavaScript, SQL, OOP, DSA, DBMS, and Agile SDLC. Experienced with React.js, Node.js, Express.js, FastAPI, MySQL, PostgreSQL, MongoDB, Docker, Git, and AWS. Focused on building scalable, reliable software and solving real-world engineering problems.

Education

Goel Institute of Higher Studies Mahavidyalaya, Lucknow <i>Bachelor of Computer Applications (BCA), Specialization in AI & Machine Learning</i>	2023 – 2026 CGPA: 8.5/10
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Experience

Software Engineer Intern <i>Kukbit SL Pvt. Ltd., Pune, India</i> - Developed backend modules and RESTful APIs using Node.js, TypeScript, and MongoDB for a production web application. - Built secure authentication and authorization using JWT and Role-Based Access Control (RBAC). - Collaborated with developers to implement new features, fix bugs, and improve application performance. - Used Git, GitHub, Docker, and GitHub Actions to support version control and CI/CD deployment workflows. - Participated in Agile ceremonies including sprint planning, daily stand-ups, code reviews, and testing.	Sep 2025 – Jan 2026
Artificial Intelligence Intern <i>Edunet Foundation (IBM SkillsBuild & AICTE)</i> Built and delivered AI-based software projects using FastAPI, React.js, Python, JavaScript, SQL, and Machine Learning.	Jul 2026 – Present

Projects

Med-AI: AI-Powered Clinical Decision Support System <i>FastAPI, React.js, Google Gemini, SQLite</i> - Built a full-stack Clinical Decision Support System (CDSS) that helps radiologists analyze chest X-rays alongside patient vitals and medical history using Google Gemini Vision. - Developed multimodal AI analysis, AI-assisted teleconsultation, role-based access control, PDF report generation, and real-time clinical dashboards. - Implemented secure REST APIs, authentication, longitudinal patient-history comparison, and human-in-the-loop validation for faster clinical decision-making.	May 2026 – Jul 2026
SmartCampus: Face Recognition Attendance System <i>Python, OpenCV, Tkinter, SQLite</i> - Built an AI-powered attendance system using Python, OpenCV, and the LBPH face recognition algorithm for real-time student attendance. - Implemented secure authentication, automated CSV attendance logging, analytics dashboards using Matplotlib, and voice feedback via Text-to-Speech (TTS). - Designed a scalable desktop application with attendance history and real-time insights to streamline campus operations.	May 2026 – Jun 2026

Technical Skills

Languages: Java, Python, JavaScript, TypeScript, SQL, C++
Frontend: React.js, HTML5, CSS3, Redux
Backend: Node.js, Express.js, FastAPI, Spring Boot, REST APIs
Databases: MySQL, PostgreSQL, MongoDB
Developer Tools: Git, GitHub, Docker, Postman, VS Code, Linux, AWS (EC2, S3)
Core Concepts: Data Structures, Algorithms, OOP, DBMS, Operating Systems, Computer Networks, SDLC

Certifications & Achievements

Certifications

- Oracle Cloud Infrastructure 2025 Certified Foundations Associate (Oracle)
- Python Essentials 1 (Cisco Networking Academy)
- J.P. Morgan Software Engineering Job Simulation (Forage)
- Generative Models for Developers (Infosys Springboard)
- Agile Scrum in Practice (Infosys Springboard)
- Generative AI Unleashing (Infosys Springboard)

Achievements

- Solved 510+ coding problems on LeetCode, strengthening Data Structures, Algorithms, and problem-solving skills.