Anand Bajpai

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Profile

Final-year B.Tech CSE student and aspiring Software Engineer with strong skills in programming and full-stack web development, seeking opportunities to design and build scalable software solutions.

Education

B.Tech, Computer Science and Engineering,   2022–2026
Institute of Engineering and Technology, Sitapur, UP, India
Coursework: Data Structures, Algorithms, Databases, OS, ML, Web Development

Intermediate (70.83%)   2022
High School (71.83%)   2020

Skills

- **Technical:** Python, Java, Angular, React.js, JavaScript (ES6+), Node.js, HTML5, CSS3, REST API, Responsive UI, Performance Optimization, API integration, Cross-team collaboration, UI/UX best practices
- **Tools:** VS Code, version control (Git/GitHub), Google Colab

Experience

Software Development Intern, YBI Foundation [(view)](view), Delhi, India   Apr–May 2025

- Built ML models with Python, improving prediction accuracy by 15%.
- Optimized data preprocessing, reducing processing time by 20%.
- Collaborated with a team of 4 on AI/ML projects.

Full-Stack Web Developer (Training), Analyze Infotech [(view)](view), Lucknow, India   Jun–Jul 2025

- Designed and improved a secure MERN stack web application by integrating REST APIs and efficiently managing data flow between backend and frontend systems, along with creating a mobile-friendly, responsive UI to enhance user engagement and accessibility across devices.
- Enhanced user interaction efficiency by 25%.
- Earned praise for project completion and teamwork.

Projects

Student Management System   Jun–Aug 2025

- Built a MERN stack app with secure REST APIs and a React.js frontend.
- Reduced data retrieval time by 30 with efficient design.

Lost & Found Web Application   Jul–Aug 2025

- Developed a MERN stack app with JWT authentication for item tracking.
- Improved item recovery rate by 40% via real-time updates.

Portfolio Website

- Created a responsive portfolio using HTML, CSS, and JavaScript on GitHub Pages.
- Increase site engagement by 50% with intuitive design.

Certifications

- Data Science [view,](view)
- JavaScript Essentials 2 [view,](view)
- Python Essentials 2 [view,](view)
- Cybersecurity [view,](view)
- IoT (Cisco) view
- Oracle Certified Foundations Associate view
- ChatGPT for Everyone (GUVI/HCL) view

Achievements

- Member, The Engg Circle, contributing to coding workshops and hackathons.