

# Anand Bajpai

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## Profile

Final-year B.Tech Computer Science 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

Bachelor of Technology (B.Tech) in 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

**Programming Languages:** Python, Java, JavaScript (ES6+) **FRONTEND:** Angular, React.js, HTML5, CSS3, Bootstrap **BACKEND:** Node.js, Express.js, REST APIs **DATABASE:** MongoDB **CONCEPTS:** Responsive UI, Performance Optimization, API Integration, *Cross-team collaboration, UI/UX best practices.*

**Tools:** VS Code, version control (Git/GitHub), and Google Colab.

## Experience

Software Development Intern, <a href="#">YBI Foundation</a> , Delhi, India	Apr–May 2025
<ul style="list-style-type: none"><li>Developed and trained ML models using Python, improving prediction accuracy by <b>15%</b>.</li><li>Optimized data preprocessing, reducing processing time by <b>20%</b>.</li><li>Collaborated with a team of 4 on AI/ML projects.</li></ul>	
Full-Stack Web Developer (Training), <a href="#">Analyze Infotech</a> , Lucknow, India	Jun–Jul 2025
<ul style="list-style-type: none"><li>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.</li><li>Enhanced user interaction efficiency by <b>25%</b>.</li><li>Earned praise for timely project completion and effective teamwork.</li></ul>	

## Projects

<a href="#">Student Management System</a>   MERN Stack	Jun–Aug 2025
<ul style="list-style-type: none"><li>Built a MERN stack app with secure REST APIs and a React.js frontend.</li><li>Enhanced data retrieval performance by <b>30%</b> using optimized queries.</li></ul>	
<a href="#">Lost &amp; Found Web Application</a>   MERN Stack	Jul–Aug 2025
<ul style="list-style-type: none"><li>Expanded a MERN stack app with JWT authentication for item tracking.</li><li>Boosted item recovery rate by 40% via real-time updates.</li></ul>	
<a href="#">Portfolio Website</a>   HTML, CSS, JS	
<ul style="list-style-type: none"><li>Created a responsive portfolio using HTML, CSS, and JavaScript on GitHub Pages.</li><li>Increased site engagement by 50% with intuitive design.</li></ul>	

## Certifications

- [Data Science](#)
- [JavaScript Essentials2](#)
- [Python Essentials 2](#)
- [Cyber Security](#)
- [IoT \(Cisco\)](#)
- [Oracle Certified Foundations Associate](#)
- [ChatGPT for Everyone \(GUFI/HCL\)](#)

## Achievements

An Active member of The Engg Circle, contributing to coding workshops, peer-learning sessions, and hackathons.