

# ASHUTOSH PANDEY

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## SUMMARY

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Final-year B.Tech student specializing in Cyber Security with strong proficiency in C++, Java, Python, and full-stack web development, having hands-on experience in MERN-based applications, software development, automation, AI-assisted projects, RESTful APIs, databases, and cloud-ready deployments (AWS). Seeking an entry-level Software Developer role to build scalable and secure solutions while continuously learning cloud, AI, and other emerging technologies.

## SKILLS

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- Technical Skills: Java, Python, HTML, CSS, JavaScript, React.js, Node.js, SQL, MongoDB, REST API, SEO
- Tools: Git, GitHub, VS Code, Netlify, Power BI, Google Search Console, MySQL
- Soft Skills: Problem Solving, Logical Thinking, Communication, Collaboration, Teamwork, Time Management

## EDUCATION

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- B. TECH (Honors), Information Technology — BBDEC, Lucknow | GPA: 8.5 (current average) 2022-2026
- Intermediate - 81.3% with PCM June 2022
- High School - 90.3% June 2020
- **Relevant Coursework:** Data Structures and Algorithms (DSA), Database Management, Operating Systems, Data Science Object-Oriented Programming (OOPs), Computer Network, Machine Learning, Artificial Intelligence.

## EXPERIENCE

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- **Intern — Web Developer | 4 weeks (September 2025)** --- Developed responsive web pages and integrated dynamic JavaScript-based front-end functionality, following best practices for scalable UI design, Used Git for version control, optimized performance, improving page load time by 25%.
- **Deloitte — Cyber Job Simulation (June 2025)** --- Conducted risk assessments and threat analysis, prepared concise technical reports and recommended practical remediation steps based on findings to real-life customers.
- **Intern — Python Programmer | 4 weeks (September 2024)** --- Developed and optimized applications using Python, applying clean coding practices and modular design principles, worked with data processing, automation scripts, APIs, and version control to improve efficiency and reliability.

## PROJECTS

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- **Meesho Clone — Full Stack MERN Project:** Developed a full-stack e-commerce web application using React (Vite), Redux Toolkit, Tailwind CSS, Node.js, Express.js, MongoDB, and JWT-based authentication with RESTful APIs. Implemented SEO best practices to improve search visibility, achieving 4,000+ organic impressions across 30+ countries, and deployed the application on Netlify, Render, and MongoDB Atlas.
- **Votify – Secure Online Polling Platform:** Built a secure full-stack polling application using React, Node.js, Express.js, MongoDB, and JWT-based authentication, enabling users to log in, participate in live polls, cast votes, and view real-time results through an interactive dashboard with role-based access control.
- **Suno — PDF to Audiobook Converter (Web Application)** Developed a web-based PDF-to-audio conversion system using Python and JavaScript, implementing PDF text extraction and text-to-speech pipelines with Hindi/English support, robust error handling, and 50% reduction in processing time.
- **Comfy – AI Powered Stress Detection Application:** Developed a full-stack application using React, Node.js, Express, and MongoDB, leveraging AI-based analysis to evaluate user stress levels from questionnaires and deliver personalized recommendations through a responsive UI.

## CERTIFICATIONS

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- Career Essentials in Software Development by Microsoft & LinkedIn
- Python Programming (70 hours) by GUVI
- TCS iON Career Edge – Young Professional
- Software Engineering Job Simulation- JPMorgan
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
- Tata Job Simulation – Use of AI in business