




Akshat Arora

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EDUCATION

Vellore Institute of Technology , Chennai <i>B.Tech Computer Science (AI and Robotics)</i>	July 2026 CGPA: 8.5
B.L Memorial Senior Secondary School, Sri Ganganagar (Rajasthan, India) <i>Class XII</i>	2020-2022 Percentage: 80.00
Good Shepherd Public School, Sri Ganganagar (Rajasthan, India) <i>Class X</i>	2019-2020 Percentage: 93.00

COURSEWORK

Courses: Object-Oriented Programming, Data Structures - Algorithms, Linear Algebra, Probability - Statistics, Operating Systems, Computer Networks, Database Management

SKILLS

Languages: C/C++, Python, Java, JavaScript/TypeScript, HTML/CSS, SQL
Technologies: Git/GitHub, HTML, CSS, Tailwind CSS, MySQL, React.js, Express.js, MongoDB, Node.js, Machine Learning, Neural Networks

PROJECTS

Certificate Verification System <i>MERN, Git, Firebase, VS Code</i> <ul style="list-style-type: none">Collaborative project developed as a secure solution for certificate authenticationImplemented end-to-end certificate generation and verification using the MERN stackIntegrated RESTful APIs for data handling, enhancing security and accessibility	Aug. 2024
Job Portal System <i>MERN, JSON Web Token (JWT), Git, Unix Shell, VS Code</i> <ul style="list-style-type: none">Built a full-stack job portal application enabling users to search, apply, and manage job applicationsImplemented JSON Web Token (JWT) for secure user authentication and session managementDesigned RESTful APIs for smooth data exchange between frontend and backendCollaborated with users to incorporate feedback and improve user experience	Sep. 2024
Object Character Recognition (OCR) <i>Python, Tesseract, OpenCV, Git, VS Code</i> <ul style="list-style-type: none">Developed a Python-based OCR application to extract text from images and scanned documentsUtilized Tesseract and OpenCV libraries for text detection, extraction, and preprocessing of imagesEnhanced accuracy by applying image preprocessing techniques like thresholding and noise reductionEnabled conversion of document formats (PDF, images) into editable, searchable text data	March. 2024

EXPERIENCE

Zidio Development Ltd. <i>Software Engineering Intern</i>	Aug. 2024 – Present
Specto V <i>AI/ML Intern</i>	Nov. 2024 – Present
Humanoid X Club <i>Member</i> Electrical and Programming	Sept. 2023 – Present
Robotics Club <i>Member</i> Project Department	Oct. 2023 – Present
Bionary Club <i>Member</i> Social Media Department	Apr. 2023 – Present

CERTIFICATIONS

Microsoft Certified in Azure AI Fundamentals	July 2024
IBM Machine Learning	Sep. 2024
Udemy Web Development Certification	Sep. 2024