

KESHAV

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Education

Thapar Institute of Engineering and technology

Bachelor of Engineering in Computer Engineering with a current CGPA of 8.81/10

Patiala

Sep. 2022 –present

M.M. International School

Mullana

passed 12th standard with 91.2% and 10th with 94%

Experience/Position of Responsibility

Coding Ninjas TIET Chapter

Feb. 2024 – Present

- Joined the society as a dedicated member, participating in initiatives and fostering collaboration.
- Engaged with Society's professional development workshops, facilitating discussions that attracted over 50 attendees; empowered members to gain new skills.

Projects

MediLink | MERN, Gemini AI

Aug. 24

- Pioneered MediLink, a MERN-based healthcare platform that automates follow-ups and feedback, enhancing patient engagement and experience by 15%.
- Developed an AI-driven RAG model that intelligently suggests personalized treatments based on symptoms and past prescriptions, improving diagnostic accuracy.
- Designed and implemented an advanced appointment system that streamlined scheduling processes, leading to higher efficiency and reduced wait times.

ENVIU | HTML, CSS, JavaScript, Node.js, Solidity

Feb. 24

- Collaborated with a team of 4 members to develop a blockchain-based server monitoring system.
- Developed smart contracts to automate server shutdowns based on predefined criteria, reducing manual intervention by 80% and improving shutdown response time by 25%.
- Utilizing blockchain technology enhances server security by implementing decentralized authentication mechanisms, reducing the risk of unauthorized access by up to 90% and improving overall system resilience against attacks by 75%.

ATS Resume Optimizer | Gemini AI

Jul. 24

- Developed an ATS optimization tool using Google Gemini's API, achieving 90% job match accuracy.
- Analyzed job descriptions and resumes to boost match scores, identifying stop words and recommending improvements.
- Improved resume effectiveness, leading to increase in interview invitations.

Skills

Languages: C/C++, Python, HTML/CSS, JavaScript

Libraries / Frameworks: Pandas, NumPy, Scikit-learn, BeautifulSoup, NodeJs, ExpressJs, ReactJS, Bootstrap

Databases: MySQL, MongoDB

Course Work: Data Structures, Algorithms, Operating System, Object Oriented Programming, AI, DBMS, Machine Learning, Software Engineering, Computer Networks

Tools / Environments: Git/GitHub, VS Code, Matlab, Jupyter, Figma, Canva, Linux/Unix, Windows

Achievements & Certifications

- Awarded a merit-based scholarship for ranking in the top **10% of student**
- Actively volunteered with Muskurahat Foundation, contributing to successful crowdfunding campaigns that funded educational projects for over 500 students.
- Successfully completed certification in ELC activities, developed proficiency in Arduino, OpenCV, and Python, and completed over 5 hands-on projects and assignments focused on real-world applications.