

HIMANSHU AGRAWAL

SOFTWARE ENGINEER

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SUMMARY

Results-oriented and passionate software engineering student with a strong academic foundation and hands-on experience in developing innovative solutions. Proven ability to collaborate effectively in team environments and thrive in fast-paced, dynamic settings. Demonstrated commitment to continuous learning and staying abreast of emerging technologies. Skilled in software development life-cycle, agile methodologies, and version control. Eager to contribute technical skills, creativity, and enthusiasm to a dynamic software engineering role.

TECHNICAL SKILLS

Programming	C++, Python, Java, JavaScript, SQL
Development	Bootstrap, Express.JS, Node.JS, React JS
Version Control	Git
Database Management	SQL, MongoDB
Machine Learning	Scikit, Tensorflow, pytorch, Computer Vision, NLP
Design	Figma, Illustrator, Blender, Photoshop

PROJECTS

Machine Learning

Project Name 1 | SOLUTION BASED ON HOLY BOOKS Ongoing

- Create a transformative website powered by AI transformers that offers personalized solutions based on teachings from a holy book.
- Utilizing advanced natural language processing, users can seek guidance for daily challenges, receive relevant verses, and access a community platform for support.
- The website promotes spiritual growth, ethical decision-making, and a deeper connection to the teachings, fostering a positive impact on users' lives.

Development

Project Name 1 | HOSTEL MANAGEMENT SYSTEM

- Implemented the system using modern web technologies, such as HTML, CSS, JavaScript, and PHP, to create a user-friendly interface.
- Developed modules to manage student records, room allocations, and hostel fee payments efficiently, reducing manual paperwork.

Project Name 2 | Sudoku Solver

- Implemented a C++ program to efficiently solve a classic algorithmic problem, achieving optimal time complexity.
- Utilized data structures and algorithmic techniques to enhance the program's efficiency and readability

ACHIEVEMENTS & CERTIFICATIONS

- Created and managed a successful YouTube channel focused on teaching Data Structures and Algorithms (DSA) concepts.
- Utilized effective communication and presentation skills to explain complex DSA topics in a simple and understandable manner.
- Participated in Hackathons and came in top 5 in two hackathons.
- Received accolades for exceptional teaching abilities and content creation on the YouTube channel
- Achieved a 5-star badge on HackerRank in C++ and Java by consistently excelling in diverse programming challenges, showcasing mastery in algorithms, data structures, and language-specific concepts.
- Earned certification in excellence from Coding Ninjas, demonstrating proficiency in diverse programming paradigms, data structures, and algorithms, highlighting a strong foundation in computer science and coding skills.
- Achieved certification in Advanced Computer Vision with TensorFlow from DeepLearning.AI on Coursera, showcasing expertise in cutting-edge computer vision techniques and advanced applications using the TensorFlow framework.