

HARSHIT SHARMA

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EDUCATION

Master of Engineering in Computer Science & Engineering

August 2021 - June 2023

Chandigarh University, Punjab, India

CGPA: 8.00

Related Course: Machine Learning, Cloud Network, Data Structure and Algorithms, Data Science

Bachelor of Technology in Computer Science & Engineering

August 2017 - June 2021

Kurukshetra University, Haryana, India

CGPA: 8.36

Related Course: Object Oriented Programming, SDLC, Agile Methodology, Software Testing and Development

WORK EXPERIENCE

Software Engineer Intern

March 2023 - July 2023

Unisys Global Services, Bangalore, India

- Transformed and executed a client database system, resulting in a 20% increase in accessibility
- Partnered with cross-functional teams, including senior software developers and QA testers, to design a new application in 2 months, 1 month ahead of schedule
- Developed unit test documents, improving efficiency by over 25% in detecting bugs and ensuring quality

Academic Researcher

January 2022 - June 2023

Chandigarh University, Punjab, India

- Published research papers in IEEE/Scopus indexed conferences of Cloud Networking, Machine Learning, and Deep Learning models.
- Proposed and validated machine-learning models, resulting in 25% more accuracy
- Mentored and guided 5+ junior researchers, fostering a collaborative and knowledge-sharing research environment, thereby elevating productivity by an impressive 40%

SKILLS

Programming Languages : C, C++, Python, Java

Database Management : MySQL, Oracle, MongoDB

Technical Skills : Debugging, Project Documentation, GitHub, MS-Office

Soft Skills : Researcher, Puzzle Solver, Critical Thinker, Innovative, Organised

PROJECTS

Diabetes Prediction Model

December 2022 - April 2023

- Implemented an ML model for diabetes prediction, resulting in a notable 20% improvement in accuracy
- Applied PSO-ACO algorithms for hyper-tuning which leads to 30% more optimised parameters value
- Utilised Python, Jupyter, and advanced machine-learning techniques to automate data analysis

Car Rental System

March 2021 - June 2021

- Introduced a Car Rental System in C++, integrating secure login and easy car selection with 50% optimisation
- This model include automated invoice generation, resulting in increased user satisfaction by 40%
- Designed using C++, OOPs, SQL, Qt Designer, and applied agile methodology leads to 30% better results

PUBLICATIONS

- H Sharma, R Kumar, M Gupta. "Optimised Machine Learning Algorithm for Detection And Diagnosis of Diabetes". 2nd International Conference on Computational Modelling, Simulation and Optimization (ICCMO), Bali, Indonesia, 2023
- H Sharma, R Kumar, M Gupta. "A Review Paper on Hybrid Cryptographic Algorithms in Cloud Network". 2nd International Conference for Innovation in Technology (INOCON), Bengaluru, Karnataka, 2023

ACHEIVEMENTS

- Recognized as the top performer in soft skills and aptitude assessments
- Successfully qualified the State Level Computer Science TET Exam

June 2021 - July 2022

December 2021