Shubham Singh

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Computer Science and Engineering
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 GitHub Profile
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EDUCATION

•Malaviya National Institute of Technology, Jaipur   *2022-2026*
Computer Science and Engineering

•Chittagong Grammar School   *2019-2022*
Cambridge Board A levels, Chittagong

EXPERIENCE

•Unified Mentor   *Jun 2024 - July 2024*
Data Science Intern   Remote
- Coordinated with cross-functional teams to deploy tech-driven solutions, improving workflow efficiency and decision accuracy by 20%
- Conducted data analysis and applied machine learning models to enhance resource planning and business operations.

•Soul AI   *Oct 2024 - Present*
AI Model Trainer   Remote
- Led end-to-end AI model training, improving accuracy by 15% and ensuring 98% test coverage through rigorous validation.
- Streamlined data preprocessing, reduced training time by 20%, and optimized workflows to enhance operational performance.
- Developed automated testing frameworks, aligning processes with quality assurance standards.

PERSONAL PROJECTS

•Hospital Database Management System   *Aug 2024 - Sept 2024*
Python, Flask, SQLAlchemy, MySQL
- Designed and implemented a hospital management app, increasing record-keeping efficiency by 30% through automated workflows.
- Integrated user authentication and email notifications, reducing manual interventions by 40%.

•Leaderboard Management System for ML Hackathon   *Oct 2024 - Nov 2024*
HTML, CSS, JavaScript, Flask, SQL
- Built a robust leaderboard system for evaluating hackathon submissions by processing .csv files and calculating R-squared scores for model outputs.
- Automated the scoring process using weighted metrics, including feature engineering, presentation, and runtime efficiency, ensuring a transparent and accurate ranking system

• Book Nest: Book Recommendation System   *Nov 2024 - Dec 2024*
HTML, CSS, JavaScript, Flask, SQL
- Developed an interactive book recommendation platform that suggests books based on user inputs like read history, preferred genres, and favorite authors.
- Implemented algorithms to generate personalized suggestions, complete with book ratings and descriptions, enhancing user engagement by 25%.

SKILLS

Languages: Python, C++, SQL, HTML, CSS
Frameworks: Flask, SQLAlchemy, MySQL, Power BI, Git, Jupyter Notebook
Data Science ML: Data Analysis, Machine Learning, Deep Learning
Other Technical Skills: Solution Development, Technical Design, Systems Configuration
Management Skills and Operations: People Management, Operations Management, Performance Optimization, Cross-functional Collaboration, Analytical Problem-Solving

ACHIEVEMENTS

•Semi-finalist Semi-finalist in Code Rush 4.0: IVP Hackathon 2025

•Rank 7 Rank 7 in IIT Jodhpur Tech Fest Coding Challenge

•Gold Medal Gold medal at International Science Olympiad(Regional-level)

•Bronze Medal Bronze medal at International Mathematics Olympiad (State-level)

POSITIONS OF RESPONSIBILITY

•Technical Executive Assistant, Managed and executed technical setups, ensuring seamless event operations.

•Marketing Executive Assistant, Designed and implemented marketing strategies, enhancing event visibility.