

Rasi Sharma

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Summary — A highly motivated software engineer with a strong background in computer science and experience in web development and data analytics. Proficient in a range of programming languages and tools. Seeking a challenging role to leverage my technical skills and passion for innovation to drive success.

Education

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| Sai Vidya Institute of Technology, Bengaluru <i>Bachelor of Engineering in Computer Science</i> | Dec 2021 – Aug 2025 9.6 CGPA |
| Kendriya Vidyalaya CRPF, Bengaluru <i>Senior Secondary (PCM with Computer Science, CBSE)</i> | Apr 2019 – Mar 2021 91.4% |
| <i>Secondary (Class 10, CBSE)</i> | 91.4% |

Skills

Technical Skills

- Languages: Python, C, SQL, HTML/CSS, JavaScript
- Developer Tools: VS Code, PostMan, Jupyter Notebook, Data visualization tools (Power BI, Pandas, Matplotlib, Seaborn)
- Technologies/Frameworks: GitHub, PostgreSQL, MS Excel
- Coursework: Data Structures and Algorithms, Web Development, Data Science, DBMS, OOPS Concept, Programming in Python

Soft Skills

- Written/Communication, Teamwork, Project Management, Leadership

Work Experience

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|---|----------------------------|
| Oasis Infobyte <i>Data Analysis Intern</i> | Nov 2023 – Dec 2023 |
| <ul style="list-style-type: none">– Conducted data cleaning and preprocessing using Python and Excel, improving the accuracy and consistency of datasets by 25%.– Analyzed large datasets to identify key trends and insights, helping the team make data-driven decisions that improved operational efficiency. | |

Projects

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|---|-----------------|
| Multi-Organ Disease Detection and Classification— Deep Learning | Oct 2024 |
| <ul style="list-style-type: none">– Developed a deep learning system for early detection and classification of diseases in kidneys, lungs, heart, and ovaries using medical imaging data. Utilized convolutional neural networks (EfficientNet, DenseNet, VGG19) for analysis.– Created a Flask-based web app for real-time disease prediction to aid in accurate diagnostics.– Tech Stack: Python, TensorFlow/Keras, Flask, HTML/CSS, Bootstrap, SQLKey Skills: Deep Learning, Computer Vision, Medical Image Processing, Web Development | |
| Super Store Sales Analysis — Data Analysis and Visualization | Jan 2024 |
| <ul style="list-style-type: none">– Conducted a comprehensive analysis of sales data for a retail superstore, focusing on uncovering key business insights and trends. Used Python libraries like Pandas, NumPy, and Matplotlib to perform Exploratory Data Analysis (EDA), identifying patterns in sales performance.– Identified key sales trends by analyzing product categories, customer segments, and regional patterns.– Conducted hypothesis testing to validate business assumptions and improve decision-making. | |
| Library Management System — Python, SQL | Aug 2023 |
| <ul style="list-style-type: none">– Developed a Library Management System using Python and MySQL. The system allows user registration for secure logins and personalized accounts. It features a book cataloging system, enabling the addition, removal, and updating of books.– The system also includes a search function to easily find books by title, author, or genre. It tracks book borrowing and returns, ensuring accurate inventory management. MySQL was used for efficient data storage and retrieval. | |

Certifications

- Data Analytics - CISCO
- UX Design - Google
- Web Development - Udemy