

PAVITHRA M V

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[LinkedIn Profile](#)

CAREER SUMMARY:

Detail-oriented Software Developer skilled in designing efficient algorithms, data transformations, and scalable solutions. Proficient in multiple programming languages and tools, committed to driving organizational success as a collaborative team player.

WORK EXPERIENCE:

Q-gate Infotech Private Limited, Bengaluru, Karnataka November 2024 – Present
Software Developer Trainee

- Designed and implemented optimized algorithms for advanced data transformations and spatial computations, enhancing performance and precision in processing complex datasets.
- Worked on projects involving 3D spatial data analysis and geometric computations, ensuring scalability and accuracy in deliverables.

AI Bricks Bengaluru, Karnataka October 2023 – April 2024
Data Analyst Intern

- Performed exploratory data analysis (EDA) on large datasets using Python and SQL, identifying key patterns and trends to enhance model accuracy and system reliability.

RELEVANT PROJECTS:

AI-Based Genuine Hospital Recommendation Using Blockchain

- Developed a secure platform for predicting hospital and treatment costs using AI, integrated with blockchain for fundraising and data integrity.

Weather Analysis & Aeroplane Game

- Built a weather data processing tool with a UI and designed a 2D obstacle-avoidance game.

EDUCATION:

T John Institute of Technology, Bangalore, Karnataka August 2020 – July 2024
B.E. in Computer Science and Engineering

- CGPA: 8.43

NMKRV PU College, Bangalore, Karnataka October 2018 – May 2020
Pre-University Course (PCMCs) | Percentage: 73.8%

St Joseph Public School, Bangalore, Karnataka April 2018
High School | Percentage: 89.6%

CERTIFICATIONS & ACHIEVEMENTS

Certifications : Python , Data Analyst .

Hackathons : Active participant in "Sentinel Hack" 3.0 and 4.0 (2022, 2023)

TECHNICAL SKILLS:

- Programming Languages: Python, C, C++, Java, SQL
- Web Development: HTML, CSS
- Tools & Platforms: PyCharm, VS Code, Jupyter Notebook, Power BI, Git, NetBeans IDE, Ganache
- Domains: Data Analytics, Machine Learning, Web Development, Spatial Data Processing