PRATI JAIN

pratijain@usf.edu | (813)-869-4931 | Tampa, FL | linkedin.com/in/prati-jain |

SUMMARY

- A diligent and motivated graduate computer science student with a passion for innovative technology and problem-solving
- Seeking an opportunity to leverage my strong theoretical foundation and practical skills in software development, and problem-solving ability to contribute effectively to a dynamic and collaborative team in a challenging and growth-oriented environment.

EDUCATION

Master of Science in Computer Science, University of South Florida, Tampa, FL   Expected Aug 2025
Bachelor of Technology in Computer Science**,** Jain University, Bangalore, India   Aug 2018 – Jul 2022

SKILLS

- **Programming Skills**   **:** C, Java, Python.
- **Other Skills**   **:** SQL, HTML, CSS, JavaScript, Django, System Administration,
- **Tools used**   **:** Eclipse, Citrix, Jupyter Notebook, Virtual Studio, Microsoft Excel.
- **Operating System Worked on**   **:** Windows, Linux.

WORK EXPERIENCE

System Engineer 1 Oracle Cerner, Bangalore, India   Aug 2022-Jul 2023.

- Monitor the performance and health of computer systems and applications.
- Perform routine daily system operations tasks to ensure system integrity and availability, achieving a 99% uptime.
- Responsible for strategizing and implementing hardware and operating system upgrades to ensure systems remain up-to-date.
- Responding to and resolving incidents that occur in computer systems and applications.

System Engineer Intern Oracle Cerner, Bangalore, India   Jan 2022-Jul 2022.

- Manage the day-to-day operations of computer systems, such as servers, storage, and networks.
- Identify and resolve problems in computer systems and applications.

PROJECTS

Machine Learning techniques for Malware detection.

- In this project, I lead a group of 2. We developed a versatile framework in which one can employ different machine-learning algorithms to distinguish between malicious files and benign files successfully
- We used algorithms like Random Forest, Decision Tree, Linear Regression, and Adaboost to detect malware with much accuracy and improve the efficiency

College ERP.

- In this project, I lead a group of 2. We implemented an end-to-end College ERP system in Django using SQLite database which connects daily operations in the college environment ranging from Attendance management to communication among students and teachers.

LEADERSHIP & VOLUNTEER EXPERIENCE

REPRESENTATIVE

- Class Representative for Computer Science Department for 4 years.

BINARY

- Event Coordinator where we initiated a technology-driven fest in my college, with multiple events for juniors.