Swetha Sri Jaladanki

(260)2469947 | jswethasri7@gmial.com| LinkedIn | GitHub | Portfolio |Indiana, USA |*Open to relocate*

PROFESSIONAL SUMMARY

Highly skilled and results-driven computer science professional specializing in full-stack development and data analytics. Proficient in Java, Python, React.js, Node.js, Angular Js, SQL, and Spring Boot. Strong problem-solving, communication skills, and a proven ability to learn quickly, with a focus on efficient project execution.

CERTIFICATIONS AND TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C, JavaScript, HTML5, CSS.
- **Development & Frameworks:** Spring Boot, REST APIs,React.js, Node.js, Angular, Git, JSON, Agile, Microservices.
- **Database Management**: SQL, MySQL, MongoDB.
- **Tools/Skills:** Jira, Agile, GitHub, AI/ML, Advanced MS Excel, Informatica (ETL), Tableau, Figma, Eclipse, Postman.
- **Certificates:** Certified Python Programmer, SQL, Professional Informatica Power Center ETL, Java Development Course, Data scientist with Python programming Certification.

EXPERIENCE

***Cognizant Technology Solutions* | Client: Ford Motor Company, United States**   **Oct 2021 - Dec 2022**
Full-stack Developer   **Hyderabad, India**

- Developed **RESTful APIs** using **Java(OOPs), Node.js**, and **Spring Boot**, reducing response times by 30%.
- Designed and optimized dynamic web interfaces using **Angular** and **React.js**, increasing user engagement by 20%.
- Managed data with **MongoDB** and **SQL**, improved query performance by 15% through indexing and optimization.
- Conducted **API** testing and debugged using **Postman**, cutting post-deployment bugs by 40%.
- Collaborated with cross-functional teams using **Agile** methodologies and **Jira**, fostered efficient project management and continuous improvement.

***Tech Mahindra Limited* | Client: Nissan Motor Corporation, United States**   **Feb 2021 – Sep 2021**
Software Engineer   **Chennai, India**

- Developed backend systems with **Python** and **Java**, improved data processing, and achieved a 25% efficiency gain
- Designed and implemented responsive web interfaces using **JavaScript**, and **SQL** for efficient data retrieval, enhancing the user experience.
- Created **Python** backend scripts to automate data processing, achieving a 30% reduction in processing time.
- Developed API endpoints in **Java** with **Spring Boot** and Hibernate to enhance data access and response time
- Collaborated with Business Analysts to gather requirements and translate them into solutions. Managed high-priority tasks (P2, P3, P4) within SLA, ensuring project success.

***Tech Mahindra Limited* | Intern**   **Nov 2020 – Feb 2021**
Associate Software Engineer   **Chennai, India**

- Developed backend functionalities during my internship, leveraging **Python** libraries like **Pandas** and **Matplotlib** to optimize data processing and visualization.
- Participated in SQL database management, and optimized queries for better performance and efficient data retrieval.
- Developed unit tests and debugged code to improve quality and reliability, reducing post-deployment issues.

***Technotran* | Intern**   **June 2018 – Sep 2018**

- Developed a home automation system using **Python** on Raspberry Pi with IoT, enhanced remote control capabilities, and improved energy efficiency by 15%.
- Collaborated with engineers to design, test, and integrate hardware-software components, optimize performance, and achieved a 20% increase in system efficiency.
- Troubleshot and debugged hardware and software issues, increasing the 25% of system reliability.

ACADEMIC EXPERIENCE

***Website Development* | https://www.fortwaynebhajansociety.org/**   **Fort Wayne, United States**

- Led the development of a fully functional website for the Bhajan Society community in Fort Wayne using **Python**, **Django, HTML, CSS,** and **SQL**. Deployed a fully functional website, making it accessible to a broader audience, resulting in a 30% increase in website traffic.

Automation of Informatica Jobs | Academic Project

- Developed Informatica job scripts in Unix and Python, reducing processing time by 50% and costs by 30%.
- Analyzed manual processes to identify automation opportunities, significantly improving productivity and operational efficiency.

EDUCATION

Purdue University (3.89 GPA)   ***Jan 2023 - Present***
Master of Science in Computer Science   Indiana, United States