SWETHA SRI JALADANKI

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PROFESSIONAL SUMMARY

A results-driven computer science professional specializing in full-stack development and data analytics. Proficient in using technologies like Java, React.js, Node.js, Angular, SQL, and Spring Boot to develop scalable applications. Strong problem-solving abilities with a focus on clear communication and efficient project execution.

CERTIFICATIONS AND TECHNICAL SKILLS

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

EDUCATION

- **Purdue University (GPA: 3.89)** — **Jan 2023 – Present**
  Master of Science in Computer Science — *Indiana, United States*
- **Anna University (GPA: 3.56)** — **Aug 2016 – May 2020**
  Bachelor of Engineering in Computer Science Engineering — *Chennai, India*

EXPERIENCE

- **Cognizant Technology Solutions** — **Oct 2021 – Dec 2022**
  Full-stack Developer — *Hyderabad, India*
  - Developed and maintained RESTful APIs using Java (OOP), Node.js, and Spring Boot, reducing response times by 30%.
  - Implemented data processing and transformation with Java and Python, enhancing data integrity and system reliability by 25%.
  - Designed and optimized dynamic web interfaces with Angular and React.js, resulting in a 20% increase in user engagement.
  - Managed data with MongoDB and SQL, improving query performance by 15% through indexing and schema optimization.
  - Conducted API testing and debugging using Postman, cutting post-deployment bugs by 40%.
  - Collaborated with cross-functional teams using Agile methodologies and Jira, fostering efficient project management and continuous improvement.

- **Tech Mahindra Limited** — **Nov 2020 – Sep 2021**
  Software Engineer — *Chennai, India*
  - Developed backend systems with Python and Java, enhancing data processing and business logic, resulting in a 25% improvement in efficiency.
  - Optimized application performance using Unix commands, achieving a 25% reduction in system downtime across operating systems.
  - Utilized Informatica PowerCenter for data mapping, transformation, and scheduling, improving integration efficiency by 30%.
  - Generated and delivered reports with Informatica, using advanced techniques for data transformation and scheduling, boosting decision-making by 20%.
  - Collaborated with Business Analysts to gather requirements and translate them into solutions. Managed high-priority tasks (P2, P3, P4) within SLA, ensuring project success.

- **Technotran** — **June 2018 – Sep 2018**
  Intern — *Nellore, Andhra Pradesh, India*
  - Developed a home automation system using Python on Raspberry Pi with IoT, enhancing remote control capabilities and improving energy efficiency by 15%.
  - Collaborated with engineers to design, test, and integrate hardware-software components, optimizing performance and achieving a 20% increase in system efficiency.
  - Troubleshot and debugged hardware and software issues, boosting system reliability and reducing downtime by 25%.

PROJECTS

- **Bhajan Society Website** — **May 2023 – July 2023**
  Lead Developer — *Purdue, Indiana, 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
  - Designed automation scripts in Unix and Python, cutting job processing time by 50% and reducing costs by 30%.
  - Analyzed manual processes to identify automation opportunities, significantly improving productivity and operational efficiency.