Sai Jayasimha Reddy Jakkireddy

Entry-Level IT Professional

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SUMMARY

- High-caliber Entry-Level IT Professional with a robust foundation in cybersecurity principles and Java full stack development, designing, implementing, and maintaining secure and scalable applications.
- Understanding of basic cybersecurity principles, including confidentiality, integrity, and availability of information systems.
- Adept at designing and developing user interfaces with HTML, CSS, JavaScript, and modern front-end frameworks like Angular or React.
- Sound knowledge of encryption techniques and cryptographic protocols to secure data transmission and storage.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering   Aggregate: 9.83
KLEF Deemed to be University   Jan 2022 – Jan 2026

Intermediate Public Examination (IPE)   Aggregate: 9.75
Excellencia Junior College   Jan 2020 – Jan 2022

Secondary School Certificate (SSC)   Aggregate: 9.60
Good Shepherd English Medium School   Jan 2020

SKILLS

Cybersecurity Fundamentals	Web Development
Agile Methodologies	Risk Assessment
Vulnerability Assessment	Network Security
Cryptography	Secure Coding Practices
Incident Response Handling	Block Chain Concepts
Microservices Architecture	DevOps Practices
Fintech Concepts	RESTful API Development
Stakeholder Communication	Continuous Learning

TECHNICAL SKILLS

Programming Language: C, Java, Python
Web Technologies: Bootstrap, JSP (Java Server Pages), Servlets, JavaBeans
Spring Framework: Spring Boot, Spring MVC
Front-End Technologies: HTML, CSS, JavaScript, Angular, React, Node.js
Database Management: MySQL, PostgreSQL, MongoDB, Hibernate, JPA (Java Persistence API)
Cloud Computing: AWS
Operating Systems: Windows, Linux
Version Control: Git, GitHub

PERSONAL TRAITS

Accountable and Leadership

PROJECTS

E-commerce Product Search and Price Comparison Tool (Team Project)
- Spearheaded the development of a robust tool for seamless product search and price comparison across three distinct e-commerce websites.
- Collaborated with team members to integrate APIs and utilized Python for scripting, resulting in accurate price comparisons and functionality across multiple platforms.

Hotel Booking Management System (Team Project)
- Led the creation of an innovative online system for hotel booking, payment processing, and management using HTML, CSS, React, Node.js, and MongoDB.
- Developed user interfaces and engineered backend systems to handle booking requests, payment processing, and user management, ensuring system stability and performance.
- Implemented MongoDB for scalable data management and coordinated with team members to ensure timely project delivery and feature integration.

Airline Reservation System (Team Project)
- Engineered a comprehensive online Airline Ticket Reservation System for booking, payment, and reservation management.
- Designed intuitive user interfaces and developed server-side components to manage booking and payment transactions, ensuring a seamless user experience.

VIRTUAL INTERNSHIPS

Juniper Networking Virtual Internship
- Gained hands-on experience in network design, implementation, and troubleshooting with Juniper's advanced networking technologies. Developed skills in configuring network devices, analyzing network traffic, and enhancing network security protocols.

AWS Data Engineering Virtual Internship
- Acquired practical knowledge in data engineering using AWS tools and services. Engaged in designing and implementing scalable data pipelines, managing data storage solutions, and optimizing data processing workflows to improve data accessibility and performance.

CERTIFICATIONS

Fintech Professional Certification

AWS Certified Cloud Practitioner Certification

Oracle Java SE 11 Developer Certification

Data Structures Certification - APNA College