Saisree Alaparthi

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EDUCATION

Master of Science in Computer Science   August 2023 – May 2025
Wright State University, Dayton, OH   GPA: 3.5

Bachelor of Technology in Computer Science: Cybersecurity   June 2019- April 2023
Koneru Lakshmaiah Education Foundation   GPA: 3.7

TECHNICAL SKILLS

Python • C • JAVA • MySQL • Microsoft Office Suite • HTML/CSS • JavaScript • Oracle • AWS • Docker • Jenkins • Git • Django • Ethical Hacking • VAPT • React.js • VirtualBox • Angular CLI • Data Analysis • Wireshark • Cisco Packet Tracker • PowerShell • JDBC • Servlets • Spring Framework • XML

WORK EXPERIENCE

Dining &Catering Services: Catering Attendant, Quest Food Management Services, Inc.   June 2024 – April 2025
- Provided dining and event catering services ensuring timely execution.
- Assisted in cooking and learned various culinary styles, enhancing teamwork and communication skills.

Cybersecurity Virtual Internship, Palo Alto Networks Cybersecurity Academy   Mar 2022 - May2022
- Conducted vulnerability assessments on enterprise systems, identifying and mitigating security gaps.
- Automated security scripts using Python, improving threat detection and reducing incidents.
- Participated in incident response simulations, enhancing system security and reducing downtime.

Ethical Hacking Training, Internshala Trainings   June 2021 - August 2021
- Finalized documentation and reported vulnerabilities for an e-commerce website.
- Conducted VAPT on critical OWASP Top 10 vulnerabilities and automated VAPT processes for efficiency.

TECHNICAL PROJECTS

Weather App   January 2025
- Developed a React-based weather forecast application using the OpenWeatherMap API.
- Enabled users to search weather by city, view temperature, humidity, wind speed, and a 5-day forecast.

Indian Constitution Information System – Web Application   January 2022-April 2022
- Developed an interactive web platform to educate users on the Indian Constitution's Fundamental Rights and Amendments.
- Integrated user-friendly sections, enhancing user engagement.

Intelligent Hospital Management System   January 2021 - April 2021
- Led a cross-functional team in developing a hospital management system streamlining patient management and resource allocation, ensuring seamless database communication.
- Optimized system performance with enterprise programming techniques, making the solution scalable and secure.

Health and Life Insurance Management System   August 2020 - December 2020
- Developed a Django-based web application for automating insurance policy calculations and customer onboarding.
- Enhanced user engagement with a dynamic UI, ensuring a seamless and bug-free experience.

Banking and Finance System   February 2020 – April 2020
- Developed a Java-based web application for financial transactions and customer account management.
- Ensured data security with encryption protocols to protect sensitive financial data.

PUBLICATION

The Growth of Cryptocurrency using Blockchain Technology, (I2CSE-23)   July 2023
- Analysed cryptocurrency growth trends using Blockchain Technology and the ARIMA model.
- Explored factors influencing cryptocurrency adoption and its real-world applications in financial markets.