Siddartha Darisi

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EDUCATION

New Jersey Institute of Technology   **Newark, NJ**
Master of Science in Cyber Security & Privacy   May 2023
- Relevant Coursework: Counter Hacking, Network Protocol Security, Cryptography and Security, Internet and Higher-Level Protocols, Computer Security Auditing

Koneru Lakshmaiah Education Foundation   **Guntur, AP, India**
Bachelor of Technology in Computer Science & Engineering   April 2021
- Relevant Coursework: Data Structures, Ethical Hacking, Operating Systems, Distributed Computing

WORK EXPERIENCE

Chess Brainstormers   **Jersey City, NJ**
Full Stack Developer   February 2023 - April 2023
- Developed web application using AWS Amplify, React, GraphQL, and DynamoDB, boosting sales by 30%.
- Implemented AI technology for personalized tutoring platform, increasing sales by 50% and improving user satisfaction scores by 30%.

Eminent Apps   **Hyderabad, Telangana, India**
Digital Marketing Analyst Intern   January 2021 - March 2021
- Conducted market research to identify industry trends and insights, implementing SEO strategies that improved website rankings and increased organic search traffic by 20%.
- Analyzed user behaviors and website traffic patterns using Google Analytics to inform data-driven decisions on website.

GMAT Verzio   **Hyderabad, Telangana, India**
Web Developer Intern   May 2018 - June 2018
- Created responsive, user-friendly website with CSS, Javascript, and HTML, increasing website traffic by 40% in the first month.
- Collaborated with senior developers to integrate complex features such as payment gateways, user authentication, and inventory management system, decreasing manual data entry errors by 30%.

PROJECT EXPERIENCE

Smaller Version of the Apache Web Server   **Newark, NJ**
     January 2022 – August 2022
- Developed Java-based mini-Apache web server, reducing memory consumption while maintaining functionality for HTTP requests and responses.
- Implemented HTTP and FTP protocols, increasing network efficiency by 90%.
- Devised testing plan for handling arbitrary binary blobs, achieving 98% success rate in processing and delivering client requests.

Drowsiness Detection AI   **Vaddeswaram, India**
     September 2020 – March 2021
- Implemented a real-time video analysis algorithm, achieving an accuracy rate of 95%, identifying and alerting drivers when they exhibit unsafe behavior.
- Conducted detailed analysis of the driver surveillance, resulting in the early detection of drowsiness, and alerting the driver to take rest breaks.

PROFESSIONAL CERTIFICATIONS

AWS Certified Solutions Architect-Associate   Expected Completion: May 2023
Certified Ethical Hacker(V12) from Ec-Council   April 2023
Brainnest Cyber Security Industry Training   March 2023

SKILLS & INTERESTS

Skills: Python, C++, Java, C , SQL , Metasploit, Nmap, Burp Suite, Wireshark, John the Ripper, Aircrack-ng, Sqlmap, Hydra, Nessus, OpenVAS, Assembly language, Windows, Kali Linux , MacOS , Parrot security, AWS Management & Deployment, Troubleshooting, OWASP, React.js, Cyber Kill Chain Framework, Web Application Firewalls, Monitoring and Analytics, DevOps, Security and Compliance, AWS Cloud Architecture, and Network Security;

Interests: Cybersecurity, Web Development, Travel, Skiing, Skydiving.