**Siddartha Darisi**

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| **EDUCATION** |

**New Jersey Institute of Technology**  **Newark, NJ**

Master of Science in Cyber Security & PrivacyMay 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 & EngineeringApril 2021

* Relevant Coursework: Data Structures, Ethical Hacking, Operating Systems, Distributed Computing

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| **WORK EXPERIENCE** |

**Chess Brainstormers Jersey City, NJ**

Full Stack DeveloperFebruary 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 InternJanuary 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 InternMay 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%.

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| **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.

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| **PROFESSIONAL CERTIFICATIONS** |

AWS Certified Solutions Architect-Associate Expected Completion: June 2023

Certified Ethical Hacker(V12) from Ec-Council April 2023

Brainnest Cyber Security Industry Training March 2023

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| **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, IAM, Security and Compliance, AWS Cloud Architecture, and Network Security;

**Interests:** Cybersecurity, Web Development, Travel, Skiing, Skydiving and Hiking.