# Sai Venkata 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.

## PROJECT EXPERIENCE

**Serverless Portfolio Website**                                                                                        **Jersey City , NJ**
April 2023 – May 2023
- Utilized AWS S3 for static web hosting, effectively ensuring 99.99% availability of the homepage, projects page, and contact form.
- Streamlined contact form operations using AWS Lambda and Simple Email Service (SES), establishing efficient email notifications for both sender and receiver upon form submission.
- Strengthened website security measures, preventing any cybersecurity breaches and ensuring data privacy and protection in line with current best practices.

**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%.
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## 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%.

## PROFESSIONAL CERTIFICATIONS

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| AWS Certified Solutions Architect-Associate | June 2023 |
| CompTIA Security+ | June 2023 |
| Certified Ethical Hacker(V12) from Ec-Council | April 2023 |
| Brainnest Cyber Security Industry Training | March 2023 |

## SKILLS

Tcp/Ip Suite , Cisco routing protocols, Subnetting , Risk management, C , Python , Penetration testing , Cloud Deployment, Security Tools, Incident Response, Threat & Vulnerability Management, Amazon Web Services (AWS), Firewalls, Border Gateway Protocol, Switches,  Information Assurance, Troubleshooting, Splunk, SIEM, Amazon S3, AWS Lambda, Docker Products, Scaling, Routers, Network security, Network Design, VPN, WAN, Integration, Cloud security, Vulnerability assessment, Routing, Amazon VPC, Virtualization, PowerShell, Cisco IOS and Packet Analysis.