P S Mohammed Ali
Cybersecurity Analyst

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EDUCATION

Masters in Technology (Integrated) - Software Engineering Aug 2017 - May 2022
Vellore Institute of Technology, Vellore Campus; GPA: 9.22/10 *Tamil Nadu, India*

Courses: Soft Computing, Software Architecture & Design Engineering, Software Metrics, Information Security Management etc

Intermediate Education May 2015 - Apr 2017
R K Vidyalaya and Junior College; GPA: 9.66/10 *Andhra Pradesh, India*

SKILLS SUMMARY

- **Languages** Python, SQL, UNIX, Java, HTML, XML
- **Tools** Git, BurpSuite, Nmap, OWASP Zap, WireShark, Postman, Metasploit, Kali Linux, Aircrack-ng, cURL
- **Soft Skills** Team Leadership, Problem Solver, Reliable Collaboration, Conflict Resolution, Interpersonal Communication

EXPERIENCE

Wipro Technologies Apr 2022 - Present
Cybersecurity Analyst (Full-time)
- Worked as Application Security Analyst at the Threat and Vulnerability Management team and gained experience in Source Code Review, Cloud Security, Web Application Attacks, and Standards with optimized security services.
- Performed various network and web application penetration testing on vulnerability sites and Hack The Box websites using Burp Suite, Nmap, NetCat, and other Open Source Security tools.

Paralaxiom Technologies Aug 2021 - Apr 2022
Machine Learning Developer (Internship)
- Worked on 2000+ ground truths samples eliminating false positives for multiple client-based scenarios as part of training machine learning models for deep learning.
- Performed analysis on various image processing models for fire detection including image classification algorithms, contour analysis, and deployed Superpixel Image Classification for fire detection led to accuracy improvements from 80% to 96% over client scenario videos.

ORGANISATIONS/CLUBS

Student Finance Organizer Aug 2020 - Oct 2020
Gravitas - The Techno-Management Extravaganza
- Collaborated and worked with the Chief Finance Officer to conduct daily finance audits and resolved over 600 payment-related issues for students.

Technical Student Instructor Feb 2020 - Mar 2020
NSS - National Service Scheme
- Engaged as Student Instructor for Computer Science department, led a team of 10 dedicated instructors, and taught hands-on fundamentals of computer programming concepts for 5 government schools of standard 6 to 10 and prepared detailed student performance analysis report and handed it over to the respective government school officials.

Web Developer / Committee Member Nov 2018 - Aug 2019
VIT Innovator's Quest Club
- Trained over 30 juniors to organize innovative club tech events for students in the university and also directed as a host for club-related hackathons.
- Contributed as a coordinator for the event "Innovators Fest'19" and served as an integral member by successfully conducting a 48-hour hackathon event.

PROJECTS

- **Real Time Fire Detection Analysis (Machine Learning - Image Classification Model):** Deployed an Image Processing Model that detects fire accurately over the indoor and outdoor environment. This Model consists of a pipeline of various image classification and analysis techniques performed over the input frames. (Jan '22)
- **EncrptoImage (Image Steganography Android App):** Created an Android application that uses least significant bits Algorithm for image steganography with slick User Interaction for easy usability. (May '20)

ACCOMPLISHMENTS

Paper Presentation - "SmartMediator" 13th - 14th Dec 2021
International Conference on Research in Intelligent and Computing in Engineering '21 *Tamil Nadu, India*
- Presented the paper entitled "SmartMediator" - The idea that converts the farmer's cultivation as trading Assets.
- This paper describes and provides a proof of how farmers and consumers can be benefited by gaining a profit of 50% on applying methodology mentioned in the paper

AZ-900 Cloud Certified: Microsoft Azure Fundamentals Dec 2022 - Present
Microsoft Corporation
- Successfully trained and completed Microsoft Azure Fundamentals Certification by scoring 850 out of 1000.