

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 Vidyalyaya and Junior College; GPA: 9.66/10
Andhra Pradesh, India

SKILLS SUMMARY

- Languages** Python, SQL, UNIX, Java, HTML, XML
- Tools** Git, BurpSuite Pro, Nmap, OWASP Zap, WireShark, Postman, Metasploit, Kali Linux, Aircrack-ng, AppScan
- 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)
- EncriptoImage (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 Microsoft Certified: Azure Fundamentals** Dec 2022 - Present
- SC-900 Microsoft Certified: Security, Compliance and Identity Fundamentals** Mar 2023 - Present