ADITYA MANE

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SKILLS

Languages : Java, C/C++, JavaScript, Kotlin, TypeScript, Python, SQL, Bash
Frameworks : React JS, React Native, Next Js, Nodejs, ExpressJs, Docker, Kubernetes
Tools : Git, GitHub, Nmap, Metasploit, Burp Suite Professional, Nessus, Snort, AWS, Figma
Laboratory: Wireshark Lab , SOC + Honeynet in Azure , Cybersecurity Ultimate Lab , AWS Pen-Testing Lab
Platforms : AWS, Google Cloud, Azure Security Center, Kali Linux, Linux, Windows, Active Directory

EXPERIENCE

Network Security Apprentice — Nov 2023 - Nov 2024
Fujitsu Consulting India Pvt LTD — *Hyderabad, India · Onsite*

• Administered Cisco and Juniper equipment, efficiently resolving 7+ network requests daily, improving resolution time by 20%.
• Spearheaded firewall upgrades across 10+ locations, resulting in a 10% reduction in unauthorized access incidents.
• Supported ISE server setup, achieving seamless access control for over 100 users with zero service disruptions.
• Led guest Wi-Fi security enhancements for 500+ users, reducing unauthorized access by 25% through migration to Cisco ISE.
• **Tech Stacks**- Palo Alto, Cisco and Juniper Devices ,ISE Server, Logsign Server,Meraki Access Points.

IAM Developer Intern — Oct 2023 - Nov 2023
JPMorgan Chase & Co — *Global · Virtual*

• Analyzed large-scale financial fraud datasets, improving fraud detection accuracy by 25% by detailed pattern analysis.
• Enhanced website security by vulnerability assessments & protocol implementation,reducing potential threats by 30%.
• Developed a ML-based email classification model by 95% accuracy, spam detection, lowering false positives by15%.
.• **Tech Stacks**- Vulnerability Assessment, Penetration Testing, Threat Modeling, Incident Response, Python

PROJECTS

Fujitsu Transport & Canteen Application (Fujitsu Restricted Overview) — Nov 2023 - Nov 2024
• Developed and deployed a full-stack mobile and web application on AWS, improving service efficiency for 200+ users by 30%.
.• **Technologies used:**- JavaScript, TypeScript, Node Js, AWS, React Js, Next Js, Rest API

Podstream - Podcast Streaming Application (Web Link, Code Link) — Apr 2023 - May 2023
• Built a podcast streaming mobile app and an admin web application on AWS, increasing operational efficiency by 40%.
.• **Technologies used:**- React JS, Node JS, MongoDB, Redux, Firebase storage

Brain Tumor Detection using Machine Learning (Web Link, Code Link) — Oct 2022 - Nov 2022
• Achieved 99.2% prediction accuracy in tumor detection using VGG16 and data augmentation for enhanced healthcare diagnostics.
.• **Technologies used:**- Python Flask, Keras, TensorFlow, React Js.

HONORS & DISTINCTIONS

Fujitsu Based Certifications and Trainings — Nov 2023 - Nov 2024
• AZ 900, SC 900, SC 100 & AI 050 | Cisco ISE & Palo Alto Trainings

Other Certifications — June 2023 - Nov 2024
• Google Cybersecurity Professional | AWS Cloud Practitioner Essentials | EC-Council EHE Certified | Google Cloud Architect | CCNA 200-301 | Tata Strive Cybersecurity | Microsoft Cyber Suraksha

Fujitsu Leadership Training Program for ISE & Palo alto Devices — Nov 2023 - Nov 2024
• Trained 16 network team members on the detailed operations of ISE and Palo Alto devices as part of the Fujitsu Leadership Training Program, after receiving direct training from ISE and Palo Alto officials.

Recursion Hackathon Winner - Vasantdada Patil Pratishthan's College of Engineering — Nov 2023 - Nov 2024
• Lead a team of 4 members and practiced agile methodologies and brainstorming won prize of 10,000 INR for 2D writing Machine

EDUCATION

Vanderbilt University| Specialization Program Prompt Engineering — Grade: B
• Over 15+ hours weekly in Prompt Engineering, NLP, AI Model Fine-tuning, Data Processing and RAG models for Private AI

Mumbai University | Bachelor's degree Computer Science — CGPA: 8.24
• Dedicated 10+ hours weekly to Network Security,Cryptography, Incident Response,with practical skills in threat analysis & VAPT