ARVIND SAI DOODA

📞 +1-(773) 403-8944 📇 [Arvind Sai D/portfolio](#)
✉ arvindsaidooda@gmail.com 🔗 [Linkedin.arvind-sai-dooda](#) ⓞ [github.com/arvind](#)

WORK EXPERIENCE

Cybersecurity Intern, Excelerate   May 2023 – Jul 2023
- Investigated and triaged security events using Splunk and QRadar, improving threat detection and response time.
- Built and tuned detection rules, correlation queries, and dashboards to monitor brute force and unauthorized access.
- Onboarded and enriched log data from various sources, enhancing SIEM visibility and forensic traceability.

Business Intelligence Engineer, Renault Nissan Technology and Business Centre India   July 2022 – June 2023
- Designed and maintained scalable data pipelines using Python and Google Cloud Platform (GCP) to process and integrate 100,000+ records from multiple sources, ensuring reliable data flow for business operations.
- Developed and deployed machine learning models to forecast business trends, integrating predictive analytics into reporting workflows via GCP to support strategic decision-making.
- Engineered automated workflows using Python scripts, UIPath RPA, and Excel macros while building interactive dashboards in TIBCO Spotfire, reducing manual processing time by 60% and delivering real-time insights to stakeholders.
- Collaborated with cross-functional teams to gather requirements, translate business needs into technical solutions, and drive data-informed decision-making across departments.
- Implemented data governance policies and conducted root cause analysis to resolve data quality issues, ensuring data integrity and regulatory compliance.

Technical Support Assistant, S4 INTERIORS & ARCHITECTS   Jul 2021 – June 2022
- Configured and maintained TCP/IP networks, DHCP/DNS, and Active Directory across multi-location offices, managed Windows domain environments, routers, switches, and Wi-Fi access points.
- Delivered Tier 1–2 support to 15+ end users on Windows 10/11 and macOS, implementing MFA, endpoint protection, and routine patch management to enhance cyber hygiene.
- Administered Google Workspace for cross-site teams, establishing secure file-sharing policies, managing user access, and enforcing best practices for confidential architectural data.
- Managed complete device lifecycle (procurement to secure disposal), coordinated vendor relations, and maintained compliance through asset tracking and software license audits.

IT Security Analyst, Gurugram Cyber Cell   Jun 2021 – Jul 2021
- Monitored network performance and server health while resolving connectivity issues to maintain optimal system availability and implementing data backup procedures using Veeam to ensure data integrity and recovery capabilities.
- Developed and maintained IT security policies aligned with organizational best practices, documented security incidents and corrective actions to strengthen overall security posture and compliance requirements.
- Provided hands-on IT support for virtualization environments and user account management, implementing role-based access control (RBAC) to safeguard sensitive information and maintain proper access permissions.
- Automated routine administrative tasks using scripting languages and configuration management tools, collaborating with cross-functional teams to implement process improvements that enhanced system performance and operational efficiency.

SKILLS

Security Tools: Splunk, QRadar, Chronicle SIEM, Azure Sentinel, CrowdStrike, Burp Suite, Metasploit, OpenVAS, Wireshark, Hashcat, John the Ripper, Autopsy, Volatility
Cloud & Programming: AWS, GCP, Terraform, Docker, Python, Bash, SQL, Java, NodeJS, Git, CI/CD, CloudTrail, GuardDuty
Security Operations: Penetration Testing, Vulnerability Assessment, Threat Intelligence, Incident Response, Digital Forensics, Zero Trust Architecture, DevSecOps, API Security
Identity & Access: Active Directory, RBAC, IAM, Okta, CyberArk, Zscaler, SASE, Jenkins Security, Snyk
Frameworks & Compliance: NIST 800-53, ISO 27001, HIPAA, PCI-DSS, MITRE ATT&CK, OWASP Top 10

PROJECTS

For more projects and demos, visit at https://arvind.netlify/projects *and my GitHub* https://github.com/Arvindsai
*The site was developed using **React.js**, **JavaScript**, **HTML/CSS**, and deployed via **Netlify**.*

RecruitIntel – AI-Powered Job Scam Detection Tool | In Progress (Personal Project)   June 2025 – Present
Role: AI & Security Developer | **Tech:** JavaScript, Chrome APIs, GPT-4, DOM, Chrome Storage, PostgreSQL
- Engineered AI-powered Chrome extension integrating GPT-4 and custom ML models to detect recruitment scams with 98% accuracy, protecting job seekers from fraudulent recruiters on LinkedIn and other platforms
- Built full-stack architecture with React UI, Node.js backend, and Chrome Manifest v3 compliant extension
- Developed real-time threat correlation system implementing automated risk scoring and scam alerting mechanisms
- Created scalable cybersecurity platform processing thousands of threat assessments with enterprise-grade data pipeline

MIPS Measure Evaluation System (Healthcare AI) | College Project   March 2025 – May 2025
Tech: Python, Streamlit, GPT-4o Mini, LangChain, Pinecone
- Built an AI-powered app using LangChain + RAG and GPT-4o Mini to evaluate MIPS healthcare measures from synthetic clinical notes.
- Integrated **Pinecone vector search** and a JSON-based pipeline for patient data processing, supporting both single and batch evaluations with explainable outputs.

Hybrid Intrusion Detection System using Machine learning | College Project   Oct 2024 – Dec 2024
Tech: Python, Scikit-learn, SMOTE, XGBoost, Suricata
- Built a **Hybrid IDS** combining **NIDS and HIDS**, achieving **97.1% DoS** and **93.8% SQL Injection detection accuracy** using Random Forest, XGBoost, and Ensemble models.
- Applied **SMOTE** to improve minority class detection by **15%** and documented performance metrics for system scalability and continuous improvement.

TCS Forage – Virtual Internship   Jul 2024 – Aug 2024
- Executed an in-depth analytical review of extensive transaction datasets involving over 100k transactions to detect fraud patterns, contributing to the development of robust security measures against financial payment service breaches.
- Spearheaded the integration of advanced security protocols and enhancements, increasing the integrity of the online payment environment by 40% and boosting customer trust significantly.

CERTIFICATIONS

Security & Offensive Training: Google Cybersecurity Certificate, **Security+** (CompTIA), Practical Ethical Hacking (TCM), CyberOps Associate (Cisco), CCNA (Cisco), CNSS - Certified Network Security Specialist (ICSI)
Compliance & Risk: ISO/IEC 27001 (Skill Front), HIPAA (Leap of Faith)
Cloud & Platform Security: Cloud Security (EC-Council)

ACHIEVEMENTS & COMPETITONS

Capture the Flag (CTF) & competitions
- *Ranked **228th globally** in **Reply Hack the Code 2025** CTF (Web, Crypto, Misc). | Link*
- ***70th Rank out of 3.5K** Participants in **CyberQuest US Cyber Challenge 2024** | Link*
- ***1st place National Winner**, **Flipkart Grid 3.0 Hackathon 2022** (Robotics) - Developed a Central Monitoring and Navigation System for Robots, competing against **9,549 teams** across India. | Link*
Publication -" Deep Fake Voice Synthesizer (Voice Cloning) ," *IJARSCT, Volume 3, Issue 3, May 2023*

EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY   Aug 2023 – May 2025
Master of Applied Science (M.A.S), Cybersecurity Engineering, Chicago, IL   GPA: 3.40/4.0

ANNA UNIVERSITY   May 2019 – May 2023
Bachelor of Engineering, Computer Science, Tamil Nadu, India   GPA: 8.7/10