

Jerold Anbarasan

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SUMMARY

M.S. Cybersecurity Candidate (AI Emphasis) with CEH and 1 year of Amazon QA experience, focused on leveraging AI/ML for vulnerability assessment and securing SDLC.

EDUCATION

Webster University, St. Louis, MO

Master of Science in Cybersecurity (AI Emphasis) | Aug 2024 – Present

Pondicherry University, India

Bachelor of Technology in Information Technology | May 2021

EXPERIENCE

Amazon – Associate Quality Assurance

Chennai, India | Jul 2022 – Jun 2023

- Executed 200+ manual and ad-hoc tests on Fire TV and SMP devices, identifying 50+ high-priority defects and enhancing product stability.
- Partnered with development teams to streamline defect reporting, reducing revalidation cycle time by 15%.
- Adapted testing processes to evolving firmware releases under tight delivery deadlines.

American Red Cross – Blood Donor Ambassador

St. Louis, MO | Oct 2024 – Present

- Assist with donor operations at over 50 blood drives, ensuring efficiency, safety, and a positive donor experience.

LEADERSHIP

Graduate Student Senator – Student Government Association, Webster University

Aug 2025 – Present

- Represent the graduate student body in policy discussions and academic improvement initiatives.

CERTIFICATIONS

- **Certified Ethical Hacker (CEH)** – EC-Council
- **Google Cybersecurity Professional Certificate**
- **Goldman Sachs Software Engineering Virtual Experience (Forage)**
- **MasterCard Cybersecurity Virtual Experience (Forage)**

TECHNICAL SKILLS

Cybersecurity: Penetration Testing, Vulnerability Assessment, Incident Response, SIEM, Threat Modeling, OWASP Top 10, SSDLC

Tools & Platforms: Wireshark, Nmap, Burp Suite, Metasploit, VirtualBox, Git/GitHub

Data & Analytics: Regression, Hypothesis Testing, Power BI, Data Visualization

Databases: SQL, PostgreSQL, Data Warehouse Design, ETL

Encryption: RSA, AES, ECC

PUBLICATION

Co-author, “*Unearthing Principal Parameters to Ameliorate Score in National Institutional Ranking Framework Deploying Deep Learning Approach*” (IARJSET, 2021).