

Mohit Ballikar

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Cybersecurity professional with advanced CompTIA and ISC2 certifications, including CASP+ and CSIE. Experience in threat intelligence and analysis using the MITRE ATT&CK framework. Combining strong technical development background with focused cybersecurity expertise.

EDUCATION

Western Governors University <i>Master of Science in Cybersecurity and Information Assurance</i>	Nov. 2024 – Mar. 2025
University of Central Florida <i>Bachelor of Science in Computer Engineering</i>	Aug. 2020 – Aug. 2024

CERTIFICATIONS

CompTIA SecurityX/CASP+ | CompTIA Secure Infrastructure Expert (CSIE) | CompTIA Pentest+ | CompTIA Cybersecurity Analyst (CySA+) | CompTIA Security+ | ISC2 Certified in Cybersecurity

EXPERIENCE

Threat Intelligence Intern <i>Travel + Leisure Co.</i>	May 2024 – Aug. 2024 <i>Orlando, FL</i>
<ul style="list-style-type: none">Investigated threat actors utilizing the MITRE ATT&CK framework, analyzing 10+ threat profiles weeklyWeekly involvement in RH-ISAC intelligence meetings, used information in distributing threat bulletinsCollaborated with other cyber operations and incident response teams within information securityResponsible for weighing TTPs and vulnerabilities researched against company practices and systemsPresented findings to peers and IT leadership	
Threat Intelligence Intern <i>Deutsche Bank</i>	June 2019 – July 2019 <i>Jacksonville, FL</i>
<ul style="list-style-type: none">Utilized Silobreaker to report on daily threats to the organization, monitoring over 30 threat sourcesMapped and detailed attacks/threats with the MITRE ATT&CK frameworkHands-on experience with a simulated cyber-attack exercise within a SOC which was presented to county officials	

PROJECTS

PCI DSS Compliance Framework <i>AWS, Security Controls, Compliance Documentation</i>	Feb. 2025 – Mar. 2025
<ul style="list-style-type: none">Developed PCI DSS compliance framework for media company's migration to serverless AWS architectureCreated security playbooks for identity management, network segmentation, and payment processingImplemented zero-trust architecture using NIST SP 800-53 and ISO 27001 security frameworksMapped technical controls to regulatory requirements for secure payment data handling	
Embedded Board Game <i>C/C++, Python, Git, Embedded Systems, Sensors</i>	Jan. 2024 – Aug. 2024
<ul style="list-style-type: none">Project manager, delegated responsibilities and communications within group as well as resource acquisitionUtilized micro-controller technology to track sensor and LED responseDesigned and maintained front-end and back-end for game engine on Raspberry PiPresented successes and design to committee of ECE professors	
HolyCScheduling <i>C/C++, HolyC, Assembly, Linux, Git</i>	July 2023 – Aug. 2023
<ul style="list-style-type: none">Learned and manipulated kernel-level code in a virtual environmentUtilized scheduling algorithms in CPresented on the efficacy of the environment to peersUsed Git to summarize and document the process, to allow for future additions	
Contact Manager <i>JavaScript, HTML/CSS, MySQL, MongoDB, PHP, Git</i>	Aug. 2022 – Dec. 2022
<ul style="list-style-type: none">Full-stack application utilizing the LAMP stackWorked in a team to meet and establish goals following the Agile modelOversaw and implemented the back-end database as well as expanding to MongoDB	

TECHNICAL SKILLS

Network/Security Tools: CrowdStrike, ServiceNow, Splunk, Wireshark, Packet Tracer, Nmap
Languages: Python, C/C++, Java, Haskell, MySQL, JavaScript/TypeScript, HTML/CSS, MIPS32/MIPS64, MATLAB
Developer Tools: Visual Studio Code, Git, Google Cloud Platform, Visual Studio, IntelliJ, Eclipse
Embedded/Hardware: STM32Cube, Fusion 360, Autodesk Eagle, Verilog, Code Composer Studio
Libraries/Frameworks: scikit-learn, pandas, NumPy, Matplotlib, React, Node.js