Avinash Nookala

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PROFILE

Highly motivated and tech-savvy Cambrian College graduate with a strong foundation in cybersecurity, mobile application development, and front-end web development.

Proven ability to apply technical skills in practical settings, as demonstrated through internship experience at Relamco and various academic projects.

Eager to contribute to a dynamic tech environment and leverage skills to achieve organizational goals.

EDUCATION & QUALIFICATIONS

Cambrian College - College Graduate Certificate Mobile Application Development   2024

Campbellsville University - Master`s degree Information Technology Management   2024

Cambrian College - College Graduate Certificate Cybersecurity   2023

Lovely Professional University - Bachelor`s degree Mechanical Engineering   2014

KEY SKILLS

Programming Languages	Python, Java, Kotlin, C#, JavaScript
Mobile App Development	.NET MAUI, Android Development
Web Development	HTML, CSS, JavaScript, Bootstrap, Angular
Cybersecurity	Splunk, Security Frameworks (CIS, NIST), Incident Response, Disaster Recovery, Vulnerability Assessment
Tools & Technologies	Figma, Microsoft Azure, Git, Google Workspace, Calendly
Other Skills	Communication (written & verbal), Problem-solving, Organization, Customer Service, Teamwork, Time Management

WORK EXPERIENCE

Project Coordinator (Developer) Intern, Relamco | Sudbury, ON | 2023 – Present

- Redesigned company website using Figma for high-fidelity mockups and HTML, CSS, Bootstrap, Angular, and JavaScript for initial development.

- Implemented Google Workspace tools for improved client communication and document sharing, streamlining collaboration and increasing efficiency.

- Analyzed existing training programs and user needs to recommend the development of a mobile app for on-demand training access.

- Developed a comprehensive proposal outlining key features, functionalities, and potential benefits of the mobile app, including increased accessibility and user engagement.

Asst Branch Manager/Customer Relationship Manager | UCO Bank, Nagpur, IndiaAug 2020 to Feb 2023

- Managed daily branch operations, ensuring smooth functioning and adherence to banking regulations.

- Led the branch team to provide exceptional customer experiences.

- Developed and implemented strategies to expand the customer base and improve customer retention by 20%.

- Provided technical support for computer systems and network maintenance.

- Proactively built customer relationships, leading to a 20% increase in customer retention.

- Supported team management efforts, fostering a positive and collaborative work environment that contributed to a 15% increase in branch profitability.

Projects

Laurie's Eat - Restaurant Food Ordering App, GitHub

- Developed a cross-platform mobile and desktop food ordering application using .NET MAUI that allows users to browse African, Caribbean, and Asian cuisines, place orders for pickup or delivery, and receive real-time SMS notifications.

- Designed and implemented a user authentication system using Firebase Authentication for secure login and registration.

- Integrated Twilio API to send real-time SMS notifications to users upon order completion.

Todo API Project, GitHub

- Developed a RESTful API for managing a to-do list using .NET, designed with clean architecture principles.

- Implemented a class library for the data models, an API project for CRUD operations, and unit tests to ensure functionality.

- Utilized dependency injection and repository patterns for database interactions.

Cambrian Eats App, PowerApps

- Developed a cloud-based food ordering app using Microsoft PowerApps, allowing users to order food on campus.

- Integrated Dataverse for managing user credentials and menu items, and used Twilio for SMS notifications on order confirmations.

- Created an admin dashboard to manage orders, update menu items, and monitor user activities.

- Addressed challenges with external connectors by utilizing Dataverse for authentication, ensuring a seamless user experience.

SIEM Implementation, Children's Aid Society of Algoma

- Collaborated with the Children's Aid Society of Algoma to set up a SIEM system using Splunk to monitor email and device security, enhancing threat detection and incident response capabilities.
- Gained expertise in security frameworks (CIS, NIST) and implemented incident reporting and disaster recovery protocols to improve overall security posture.

Cybersecurity Tools Development

- Developed various cybersecurity tools in Rust, including a network security tool for network scanning and port scanning, an FTP worm simulation to demonstrate potential security risks, and a folder encryption tool to protect sensitive data.
- Implemented multi-threading to improve performance and efficiency of the tools.