Alwin Philip

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OVERVIEW

Master's student in Computer Science with a strong background in cybersecurity and cloud computing. Skilled in network security, cloud architecture, and threat analysis. Experienced in developing secure applications and managing cloud environments. Seeking roles to leverage technical expertise in safeguarding systems and optimizing cloud solutions.

TECHNICAL SKILLS

Skills: CCNA, Data Analysis, Problem Solving, UI/UX Design, Project Management, Team Collaboration

Programming Languages: Python, MySQL, C++, Kotlin, HTML/CSS, JavaScript
Frameworks: Flutter, Firebase, Android Studio, GCP, AWS, Quantum Composer, WordPress, Django
Tools: Git, Docker, Figma, Adobe Photoshop, VS Code, MS Office

EXPERIENCE

Marketing Coordinator — Sep 2024 - Present
Rutgers-Camden School of Business
- Develop targeted marketing strategies based on data analysis to attract professionals to certification courses in business management.
- Data Analysis: Analyzing data metrics and providing marketing strategies.
- Track social media platform performance metrics and convert inquiries into leads.
- Monitor and evaluate campaign effectiveness and support website updates on WordPress .

Mobile Application Developer Intern — May 2023 – June 2023
Aeologic Technologies, Noida
- Designed and implemented UI for a shopping app, incorporating a user-friendly navigation bar to enhance ease of access and overall user experience.
- Conducted code reviews and collaborated with team members to improve app functionality, enhancing performance and responsiveness.

PROJECTS

The Park Company — Sep 2024 – Present
GitHub Link

- This site is a public-facing tool that allows users to find Park Company parking facilities, pricing, and information about each parking lot. It has a modern responsive design and user experience and is optimized to load fast, especially on 4G or 5G phones.

Quantum-Driven Signal Processing For Classical Communication Enhancement in data — July 2023 – May 2024
- Optimized machine learning-based packet-switching methods utilizing Quantum Composer, the Quantum Internet Simulation Package, and Google Colab.
Github Link

IntelliServe: A web application for securely storing and managing federal database records. — Dec 2022 – Jan 2023
GitHub Link

- A web app designed to securely store federal database records, utilizing PHP, HTML, and CSS. The app organizes data in hash form, enhancing security and efficiency in data management.

RESEARCH

Quantum Networking: Creating the Future Landscape of Refined Classical Communication — May 2024
IEEE 11th International Conference on Reliability, Infocom Technologies, and Optimization (ICRITO)

Avatars in the Virtual Realm: Enhancing Digital Community Interaction — November 2024
International Journal of Systems and Applications (IJSA)

EDUCATION

Master of Science - Computer Science — Sep 2024 -
Rutgers University, New Jersey
Coursework: Big Data Algorithm, Cryptography and Security, Software Engineering

Bachelor of Technology in Information Technology — Sept 2020 – June 2024
Amity University, Noida, India
Relevant Coursework: Networking Security(CCNA), Cisco CyberOps, Data Structures and Algorithms, Database Management Systems, Cloud Computing

ACHIEVEMENTS/CERTIFICATIONS

Cisco CCNA. (June 2023)

Certification in Cisco: CyberOps Associate. (July 2023)

1st Position in TECHNOVATE 2024: Poster and Project Presentation. (May 2024)

Best Paper Award at IEEE ICRITO. (March 2024)

Most Promising Project Award at Tech-Genesis Industrial Meet. (March 2024)

Won bronze award NetAcad Riders 2023 Contest APJC region. (April 2023)