Karthik Saligram

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Education

Cyber Security Analysis   **Ottawa, ON**
Algonquin College   *Jan 2023 - Dec 2023*
GPA: 3.67/4.0

Cloud Computing   **Toronto, ON**
George Brown College   *Jan 2024 - Dec 2024*
GPA: 4.0/4.0

Bachelor of Engineering in Computer Science   **Karnataka, India**
Mangalore Institute of Technology and Engineering   *Jul 2017 - Aug 2021*
GPA: 7.03/10

Course Work

Advanced Linux
Advanced Networking
Microsoft Azure I: Azure Administrator
Microsoft Azure II: Azure Architect
AWS I: Cloud Practitioner
AWS II: Solutions Architect

Experience

Developer   **Ottawa, ON**
IMUTech   *Feb 2023 – Present*
- Assisted in development of the front end for the website using Vue.js and Adonis
- Significantly reduced load time by 50 percent by leveraging Lazy Loading
- Explored ways to visualize the websites content using Tailwind CSS with the goal of enhancing user experience.

Full Stack Developer   **India**
MAHE   *September 2021 – September 2022*
- Assisted in development of the webapp to rate professors with ASP.NET and SQL.
- Wrote SQL stored procedures to make queries more efficient.

Projects

Rotary Website | Vuejs, Typescript, HTML/CSS   **June 2023**
- Developed the front end using Vuejs/Typescript and HTML/CSS.
- Significantly reduced load time by leveraging Lazy loading in Vuejs..
- Worked on the feedback feature which is completely handled in the back end.

Wazuh SIEM Intrusion detection system | Wazuh, pfSense   **May 2023**
- Developed an intrusion detection system using Wazuh and pfSense for the Children's Aid Society of Algoma.
- Implemented security monitoring and event analysis capabilities to detect and respond to potential threats.
- Configured pfSense firewall rules and integrated Wazuh for comprehensive network security.

Technical Skills

Leetcode practice for algorithm and data structure problems
Languages: Python, C++, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, GitHub
Cloud: AWS, Azure, Docker, Terraform
Technologies/Frameworks: Linux (Kali Linux), ReacTjs, Vue.js, Express.js, ASP.NET

Extracurricular

* Achieved 3rd place in the hackathon conducted in Kanata, Ottawa.
* Participated in the project exhibition where I demonstrated a SIEM tool developed using WAZUH, pfSense.