Karthik Saligram

 github.com/karthik KarthikSaligram.com KarthikSaligram karthikvs216@gmail.com

SUMMARY

Dedicated full-stack developer with a strong focus on cloud technologies. Experienced in building scalable web applications using modern frameworks and cloud platforms. Currently pursuing AWS Solutions Architect Associate certification to further enhance cloud architecture skills.

Education

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

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

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

Experience

Developer   **Ottawa, ON**
IMUTech   *Feb 2023 – Present*

- Developed front-end components for the company website using Vue.js and Adonis, improving user interface and functionality.
- Reduced page load time by 50% through implementation of Lazy Loading techniques, enhancing overall user experience.
- Designed and implemented responsive UI elements using Tailwind CSS, resulting in a 30% increase in mobile user engagement.

Full Stack Developer   **India**
MAHE   *September 2021 – September 2022*

- Developed a web application for professor ratings using ASP.NET and SQL, increasing professor engagement by 90%.
- Optimized database queries by writing efficient SQL stored procedures, reducing average query execution time by 60%.
- Implemented user authentication and authorization features, ensuring data privacy and security for 10,000+ users.

Projects

Rotary Website | Vuejs, Typescript, HTML/CSS   **June 2023**

- Engineered a responsive front-end using Vue.js and TypeScript, resulting in a 25% increase in user retention.
- Implemented Lazy Loading techniques, reducing initial page load time by 40% and improving overall performance.
- Developed a robust feedback system, processing and analyzing user responses.

Wazuh SIEM Intrusion detection system | Wazuh, pfSense   **May 2023**

- Designed and implemented an intrusion detection system for the Children's Aid Society of Algoma, enhancing security monitoring capabilities.
- Configured pfSense firewall rules and integrated Wazuh, resulting in a 70% reduction in false positive alerts.
- Implemented real-time threat detection and response protocols, reducing average incident response time by 60%.

Technical Skills

Languages: Python, C++, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, GitHub
Cloud: AWS
Technologies/Frameworks: React, Vue, Express, ASP.NET

Extracurricular

- ∗ Led a team of 3 to secure 3rd place in a cloud innovation hackathon in Ottawa.
- ∗ Successfully demonstrated a SIEM tool developed using WAZUH and pfSense at a project exhibition.