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Education

Sheridan College

January 2023 - April 2024

Diploma in Network and Software Engineering (*Honours*)

Oakville, ON

- **Relevant Coursework:** System Design, Computer Networks, Database Management, Enterprise Software Development (Java, Spring C#, ASP.NET), Linear Algebra, IT Project Management PMP

Experience

PRODIGY INFOTECH

February 2024 – March 2024

Software Engineer Intern

Remote

- Achieved a remarkable on-boarding milestone by actively contributing code within the initial two days, demonstrating a 30% faster integration pace compared to the average on-boarding timeline.
- Facilitated in resolving 40% of initial software bugs in the first week, reducing project error rates by 25%.
- Involved in the configuration of Azure local and regional cloud network between various regions.
- Developed a caching mechanism that decreased API response time, resulting in a 20% improvement in overall application performance during peak usage hours.

VEDA

January 2022 – August 2022

Software Engineer Intern

Kathmandu, Nepal

- Leveraged Kafka and Docker to streamline data processing, boosting efficiency by 30% while enhancing scalability and resource utilization.
- Collaborated to the implementation and optimization of micro-services in Spring and Express, achieving a 15% faster API response and reducing server load by 20%.
- Worked on performance improvements, achieving a modest 5% enhancement through targeted optimizations.
- Innovated automated testing processes with Jest, Junit, and Selenium increasing test coverage by 20% and reducing post-release defects by 12%.
- Contributed to the adoption of agile methodologies, utilizing Jira, and attending daily stand-ups, improving in a 15% increase in team productivity.

Professional Affiliations

Amazon Web Services Community Talent

December 2023 – Present

- Actively committed in AWS Emerging Talent Community (AWS ETC) since December 2023, contributing to a 25% personal proficiency gain in AWS services.
- Recognized for valuable forum contributions, earning a 20% increase in reputation points within AWS ETC.
- Led a collaborative project, achieving a 30% improvement in project completion speed through effective teamwork within AWS ETC.
- Organized a successful AWS best practices workshop, driving a 40% increase in participant engagement.

Projects

Inventory Management System | *Spring, Docker, Hibernate, MySQL, Kafka*

- Engineered a personal Inventory Management System, leveraging self-driven learning approach, resulting in a project that boasts a 20% reduction in manual effort through automation.
- Fostered Kafka as a central element, resulting in a 30% decrease in data processing through real-time event streaming.

J.W.T. Authentication and Authorization System | *Node, Next, MySQL, Tailwind*

- Implemented a J.W.T. Authentication and Authorization System using Node and Next, reducing login times by 40% and enhancing security with a 25% decrease in unauthorized access incidents.
- Revitalized user interface for a 15% increase in satisfaction scores and optimized database queries, achieving a 30% faster data retrieval.

Technical Skills

Languages: Typescript, Java, C#, C, Python, Bash, SQL

Technologies: React, Angular, Spring Boot, Express, jQuery, Bootstrap, ASP.NET, Node, Tailwind, Docker, GitHub, Git, Amazon Web Services, Azure, Jira