

Vithushen Sivasubramaniam

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EDUCATION

Montreal, QC	Concordia University	January 2019 - June 2023
<ul style="list-style-type: none">• Major: Bachelor of Engineering, Software Engineering• Relevant Courses: Data Structures and Algorithms, Artificial Intelligence, Image Processing, Web Development, Databases, User Interface Design, Object-Oriented Programming, Information Systems Security, Artificial Intelligence		

SKILLS

- **Programming Languages:** Java, Python, HTML/CSS, JavaScript
- **Database:** MySQL, PostgreSQL
- **Frameworks:** React, Bootstrap, Spring, Selenium
- **Tools:** Github, Git, Jira, Linux/UNIX, Grafana, AWS EC2, Shell Scripting, Grafana, Prometheus, Jenkins. Kubernetes, RestAPI, Figma
- **Languages:** Fluent in English, French and Tamil

WORK EXPERIENCE

Full-Stack Developer	RYU Restaurant	October 2023- January 2024
<ul style="list-style-type: none">• Independently developed a web application for efficient store inventory management using React, HTML/CSS, JavaScript, MySQL, AWS EC2• Established and managed a centralized database containing the store's product catalog• Enabled the store manager to conduct product counts and manage inventory effortlessly.• Demonstrated technical expertise in database management, front-end design and back-end development• Transferable skills: Time Management, Project Management, Efficient Problem-Solving, Database Management, Adaptability		

PROJECTS

Datum	September 2022- April 2023
<ul style="list-style-type: none">• Designed a full stack web application that allows researchers to conduct surveys and gather data for their studies• Designed and implemented responsive frontend components using React and Bootstrap for smooth user experiences• Implemented code refactoring based on sprint assessments to enhance code quality and maintainability• Applied Scrum methodologies to lead cross-functional teams, optimize project workflows and consistently deliver high-quality results within deadlines• Used GitHub and Jira for collaborative development, facilitating effective team collaboration and code management.	
Blip Barber	September 2023-Present
<ul style="list-style-type: none">• Developing a full stack web application providing a platform for home barbers to offer their services while also enabling customers to find affordable haircuts nearby• Utilized React, HTML, CSS and JavaScript to design and implement an intuitive and responsive frontend interface for easy user interaction and experience.• Integrated AWS for database management, ensuring secure and efficient data storage and retrieval for both barbers and customers.	

CERTIFICATIONS

Foundation of SRE	Wiley Edge Academy	January 2024- March 2024
<ul style="list-style-type: none">• Acquired expertise in executing Production Support and Site Reliability Engineering responsibilities.• Monitored website performance using Kubernetes, Grafana and Prometheus to ensure optimal operation and reliability.• Implemented automation to reduce manual tasks and toil, enhancing efficiency and reliability of website operations.• Developed testing procedures using Jenkins to automate testing processes, ensuring code quality and reliability throughout the development lifecycle.		