

PUTHYPOR (POR) SENGKEO

(425)-516-8754 - psa171@sfu.ca - <https://puthyporsk.github.io/puthyporsk/> - Burnaby, BC

SKILLS

- Programming Languages: React, JavaScript, HTML/CSS, REST, Jest, Cypress, PHP, GO, SQL, Laravel, Python.
- Tools: JetBrains IDEs, Postman, JIRA, MySQL, MongoDB, Elastic Search, Elastic Beanstalk, AWS, and Flutter.

TECHNICAL EXPERIENCE

Software Engineer

HiLine Engineering & Fabrication, Inc., Richland, WA, USA

May 2021 – November 2023

- Utilized React 18 to develop the front-end components, oversee user interactions, and integrated Redux for orchestrating API calls from the user interface to the backend infrastructure.
- Employed the Laravel framework in conjunction with a MySQL database, PHP, and Elastic Search to effectively handle database transactions, storage, reception, execution of API calls, and all server-side connections.
- Containerized images for production using Docker, Go and maintained those containers using Kubernetes.
- Collaborated with the team to develop and bring to market a scheduler software, a time tracker, and an HVAC kiosk, collectively contributing to a revenue generation of more than \$450,000.
- Used JIRA to document and organize tasks, arrange weekly AGILE sprints, maintain reports on Knowledge Base.

EDUCATION

Master of Professional Computer Science in Visual Computing

Simon Fraser University (SFU), Burnaby, BC, Canada

September 2024 - Present

- Relevant Courses: Visual Computing II, Machine Learning, Distributed and Cloud Systems

Bachelor of Science in Computer Science

Washington State University (WSU), Pullman, WA, USA

August 2018 - May 2021

- Major: Computer Science, Minor: Mathematics
- GPA: 3.68/4.00 (Degree Honors: Cum Laude, Term Honors: President's Honors Roll – Every Semester)
- Relevant Courses: Web and Mobile App Development, Human Computer Interactions (HCI)

TECHNICAL PROJECTS

Lead Software Engineer

Cherrywood Learning Academy, Richmond, BC, Canada

February 2024 – Present

- Leading the development of a website using React.js and MongoDB to track and manage books and items rentals.
- Leveraging Docker to maintain images and deployed the website using AWS EC2.
- Maintaining project repository on GitHub and used GitHub Runner to run the CI/CD pipeline.
- [Link to Website](#)

Team Lead – Speedgolf Website

Web Development (WSU), Pullman, WA, USA

August – December 2020

- Wrote responsive UI components using React.js, React Material UI and designed the database to manage courses information using functional JavaScript, Postman, RestAPI, and MongoDB.
- Integrated Google Maps API to allow users to find, review, add, or edit information of golf courses nearby.
- Ensured the functionality of the front-end components by testing with Cypress and the backend infrastructure by utilizing Jest Unit Tests.
- Organized weekly AGILE sprint meetings to discuss and plan out the workload amongst team members.