

# PUTHYPOR (POR) SENGKEO

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## SKILLS

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- 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

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### 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

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### 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

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### 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.