

Peter Pang

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RELEVANT EXPERIENCES

Full Stack Developer

May 2023 – Current

Virtual Hospitals Africa - *Remote*

- Enabled patient scheduling by integrating Google Calendar and Whatsapp Cloud API
- Developed patient intake features using third-party APIs for medical history recording
- Developed database migration scripts for database schema updates, optimizing performance and scalability
- Implemented webhook-based Slack Heroku integration for real-time resource scaling notifications
- Collaborated in global meetings for product development, requirement discussion and updates
- **Key Technologies:** Typescript, Deno.js, React, TailwindCSS, PostgreSQL, Whatsapp Cloud API, Github, and Heroku

Test Automation Co-op

May 2022 – December 2022

Landsure Systems Ltd. - *Vancouver, B.C.*

- Developed 30+ end to end automated tests covering different systems and products including webUI and REST APIs
- Conducted 20+ monthly regression tests across multiple development teams releases, ensuring system reliability
- Engaged in test planning, design, and reviews, collecting essential user feedback for quality assurance
- Authored comprehensive guides for test environment configuration and bug replication procedures
- **Key Technologies:** Robot Framework, Selenium, Python, Rest API, RabbitMQ, Gitlab, and Jira

PROJECTS

AI Summarizer Web Application

October 2023 – December 2023

Full Stack Developer

- Developed a web app with microservices architecture for user management and using text summarization using ML models
- Integrated secure authentication using Express.js and JWT for user access control
- Embedded a machine learning model for paragraph summarization, enhancing user experience and efficiency
- Built a dashboard that to track application endpoint usage and user activity
- Independently deployed ML models and web applications to fine-tune performance and resource use
- **Key Technologies:** Javascript, Node.js, JWT, Python, Flask, Tailwind CSS, Express.js, PostgreSQL

EDUCATION

Diploma of Computer Systems Technology (Cloud Computing Option)

September 2021 – December 2023

British Columbia Institute of Technology

GPA: 91%

Bachelor of Business Administration (Hons) in Financial Services

September 2012 – August 2016

The Hong Kong Polytechnic University

KEY SKILLS

Languages: Typescript, Javascript, Python, Java, SQL(PostgreSQL), NoSQL(DynamoDB, MongoDB), HTML

Tools and Operating Systems: Docker, Kubernetes, Git, Jira, Linux, AWS Lambda, Step functions

Frameworks and Libraries: Node.js, Express.js, React.js, Rest API, Tailwind CSS, JQuery

Practices and Domains: Object Oriented Programming, Full Stack Development, Serverless Architecture, Quality Assurance, Test Automation, DevOps, Cloud Computing, CI/CD, Machine Learning, Data Analytics

COMPETITION

YVR Student Hackathon – 1st place

May 2023
