Peter Pang

Portfolio: https://portfolio-ruddy-ten-94.vercel.app/

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RELEVANT EXPERIENCES

Full Stack Developer   May 2023 – Current
Virtual Hospitals Africa - *Remote*

- Integrated Google Calendar and WhatsApp Cloud API for scheduling appointments through a chatbot
- Extracted medias from WhatsApp Cloud API to database and implemented retrieval via front-end routes and endpoints.
- Developed database migration scripts to update database schema
- Participated in meetings with product managers and developers around the globe to discuss product requirements
- **Main Technologies used:** Typescript, Deno.js, React.js, PostgreSQL, Whatsapp Cloud API, Github, and Heroku

Test Automation Co-op   May 2022 – December 2022
Landsure Systems Ltd. - *Vancouver, B.C.*

- Developed 30+ automated tests covering a range of systems and products including webUI and REST API
- Ran 20+ regression tests per month on various releases from different development teams
- Participated in test planning, test design, code reviews, and demos with end users to gather testing requirements and feedbacks
- Created documentation including testing environment setup and step-by-step instructions for reproducing production bugs
- **Main Technologies used:** Robot Framework, Selenium, Python, Rest API, RabbitMQ, Gitlab, and Jira

PROJECTS

AI Summarizer Web Application   October 2023 – December 2023
Full Stack Developer

- A microservices architecture web application that leverages a machine learning model to summarize a paragraph for users and provides a comprehensive dashboard for monitoring traffic and managing users
- Utilized Express.js framework and JWT tokens for secure user authentication and authorization
- Integrated a machine learning model for paragraph summarization, enhancing user experience and efficiency
- Created a dashboard that allows users to monitor the statistics of the application
- Deployed the ML model and core web application independently to optimize performance and resource management.
- **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, CSS

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

Frameworks: Node.js, Express.js, React.js, Rest API, Robot Framework, Selenium, JQuery, Tailwind, Pandas, Matplotlab, Pytorch, OpenCV, Numpy

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