Wai Yip

Software Engineer with 3+ years of hands-on experience developing scalable, high-performance applications. Passionate about continuous learning and improvement, with a strong foundation in computer science and a proven track record of delivering projects in agile environments.

EDUCATION

Bachelor of Science (B.S.) - Computer Science   2018 - 2021
The Chinese University of Hong Kong
- Grade: First Class Honors (Major GPA: 3.65/4.00)
- Awarded Dean's List, 2020-2021

High School Diploma - Software Engineering   2016 - 2018
Hong Kong Institute of Vocational Education
- Grade: Distinction (CGPA: 3.89/4.00)
- Awarded HKSAR Government Scholarship for Outstanding Performance 2018

EXPERIENCE

Developer   Dec 2022 - Present
Transnomis Solutions Inc.
- Worked in .NET Core and Postgres/SQL for back-end features and bug fixes in the traffic system dealing with large amount of traffic data
- Worked in Typescript, CSS and HTML to develop new UI elements for the system
- Worked in Docker to help with the production deployment
- Improved the software testing environment by introducing unit tests to the CI/CD pipeline on GitLab and enhancing code coverage
- Refactored C# code to migrate the system from old ASP.NET to .NET Core
- Participated in all Scrum daily meetings, ensuring the delivery of high-quality software within Agile cycles.

Developer   Mar 2021 - Aug 2022
Hong Kong Economic Times
- Shipped 20+ features and hundreds of lines of codes to production using Java Spring for backend & Javascript, Freemarker for frontend
- Provided support and debugged production outages

Developer (Intern)   Jun 2020 - Aug 2020
The Orient Overseas Container Line
- Implemented 10+ pages and features using Java for backend & Ext.JS for frontend

Junior Programmer (Intern)   Jul 2017 - Aug 2017
FlexSystem Ltd.
- Developed an email software with basic UI using Java
- Developed an automatic email download software with basic UI using C# which allows users to schedule to download email
- Awarded FlexSystem Ltd Scholarships and Outstanding Industrial Attachment Scholarships

SKILLS

Programming Languages: Java, C#, Python
Front-End: HTML, CSS, Typescript, JavaScript, jQuery, React, Ext.JS, Freemarker
Back-End: Java Spring, .NET Core, PostgreSQL, SQL
DevOps: Docker, GitLab CI/CD, GitHub Actions; familiarity with containerized deployments and scalable architecture
Methodologies: Agile/Scrum, continuous integration/delivery