

James Wong

Software Engineer · Full Stack

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PROFILE

Software engineer with 10 years of experience building scalable, secure, and innovative solutions. Specialized in cloud computing (AWS, GCP), AI/ML-powered applications, and blockchain/decentralized systems. Strong full-stack background spanning mobile development, DevOps, and payment integrations. Committed to enhancing user experience, improving operational efficiency, and safeguarding data in cloud-based environments.

WORK EXPERIENCE

Software Engineer (Full Stack)

Jan 2023 – Jan 2026

FS · Full-time · Hybrid

Hong Kong

Built and maintained full-stack web applications; contributed to backend API design, frontend architecture, and integration of AI/LLM capabilities into product features.

TypeScript React.js Next.js Node.js NestJS REST APIs PostgreSQL LLM Integration AI APIs AWS Docker CI/CD

React Developer

Dec 2021 – Jan 2023

Luxoft (DXC Technology) · Remote

Singapore

Delivered frontend solutions for enterprise clients in finance, telecom, and automotive industries within a global software engineering firm. Worked in distributed Agile teams on complex, mission-critical systems.

TypeScript React.js Redux REST APIs Microservices Jest Agile Git

Full Stack Engineer

Nov 2021

LFX Digital (Li & Fung) · Full-time

Hong Kong

Developed full-stack features for a supply chain fintech platform (Air8), handling Angular frontend and backend data services in a fast-moving startup environment.

Angular TypeScript Node.js PostgreSQL REST APIs Docker Agile

Web UI Developer

Mar – Oct 2021

Contineo · Full-time

Hong Kong

Built UI for an award-winning structured products fintech platform (backed by Goldman Sachs, BNP Paribas, HSBC, J.P. Morgan), implementing price discovery and order management interfaces for private banks across Asia.

React.js JavaScript REST APIs FIX Protocol AWS Microservices

Software Engineer – Front-end

Aug 2019 – Mar 2021

Pinnacle Enterprise Holdings Ltd · Full-time

Hong Kong

Developed customer-facing web and React Native mobile app interfaces for a B2B online gaming platform, focusing on scalability and performance across frontend and mobile layers.

TypeScript React.js React Native REST APIs Docker Agile

Developer

Apr 2018 – Aug 2019

Laputa Technologies Limited

Hong Kong

Contributed to web and application development across frontend and backend layers, delivering software solutions for client projects.

JavaScript HTML/CSS MySQL REST APIs Git

Software Engineer

Jul 2016 – Apr 2018

YulangPark Limited

Hong Kong

Configured and customized a Drupal CMS for a theme park information platform, and built a NativeScript cross-platform mobile app using the CMS as its backend API layer.

NativeScript JavaScript Drupal PHP MySQL REST APIs

PROJECTS

Learn with Socrates

Sep 2022 - Mar 2023

Freelance

Developed backend infrastructure for an award-winning K-8 personalized learning platform for homeschooling and classroom use. Supports thousands of topics, available in English and Spanish.

Node.js REST APIs PostgreSQL AI Integration React.js GCP / Firebase

SKILLS

LANGUAGES

TypeScript JavaScript Java

Python C# PHP

FRONTEND

React.js Next.js Angular Redux

React Native NativeScript

HTML/CSS

BACKEND

Spring Boot .NET / ASP.NET

Node.js NestJS FastAPI

REST APIs GraphQL Microservices

Drupal

DATABASES

PostgreSQL MySQL MongoDB

Redis

CLOUD & DEVOPS

AWS GCP Docker Kubernetes

CI/CD GitHub Actions Terraform

AI & ML

LLM Integration RAG AI APIs

TensorFlow PyTorch Scikit-learn

ML Pipelines Vector DBs

Agent Workflows

BLOCKCHAIN

Web3.js Solidity Smart Contracts

DeFi

OTHER

Payment APIs FIX Protocol

Agile / Scrum Git Jest

CERTIFICATES

AWS Certified Solutions Architect

Amazon Web Services

AWS Certified Developer

Amazon Web Services

Professional Cloud Architect

Google Cloud

TensorFlow Developer Certificate

Google

Certified Kubernetes Administrator

CNCF

MongoDB Associate Developer

MongoDB University

EDUCATION

Bachelor of Computer Science

University of Toronto

2009 – 2016 · Toronto, Ontario

LANGUAGES

English (fluent) Cantonese (native)

Chip Leader AI

Apr 2023 - Oct 2023

Freelance

Built an AI-powered self-training platform for poker players, featuring personalised coaching scenarios and strategy analysis by professionals Chance Kornuth and Alex Foxen.

LLM IntegrationAI APIsReact.jsNode.jsREST APIs

Reelin AI

Jan 2026 - Feb 2026

Part-time Freelance

Contributed to an autonomous AI social network iOS app where users create an AI twin that independently generates and posts daily content reels on their behalf.

LLM IntegrationAgent WorkflowsReact NativeNode.jsAWS

Sushi Farm

Jul 2025 - Sep 2025

Personal

Designed and built a Telegram mini-app game with farming mechanics, in-game economy, and bot interactions — deployed as a real-time Telegram Web App.

TypeScriptReact.jsNode.jsTelegram Bot APIDocker