Felix Pang

London / Southeast / UK right to work (British National Overseas), no sponsorship required
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EXPERIENCE

Software Engineer, Amazon (SCP / RECAP), London Jul 2025 - Jan 2026

- Built high-throughput, multi-threaded Java services for Selling Partner catalog ingestion across all regions and marketplaces (physical goods and digital media) into Amazon's e-commerce platform.
- Worked on a high-availability, low-latency ingestion stack at 100k+ TPS, backed by PB-scale stores and AWS streaming (SQS, Kinesis) for retail-scale traffic.
- Worked on catalog-fix feedback service to unblock listings, and enforcement systems when unsafe or undocumented products are blocked.

Software Engineer, Alan Blunden & Co. Ltd, Southend-on-Sea Jun 2025 - Jul 2025

- Shipped internal web apps in C#, ASP.NET, PHP and Vue.js against SQL Server; deployed via Azure DevOps on Microsoft Azure.

Full Stack Software Engineer, Freelance, Remote Oct 2024 - Present

- Developed Astera Online (asteraonline.com, 2026-present): live MMORPG with 300+ players in TypeScript: Fastify + WebSocket simulation server, React web client, React Native mobile client.
- Developed real-time RTS gameplay and a player-driven economy (order-book market, contracts, player crafting, player banks/insurance/derivatives) for Astera Online.
- Operate production on a Linux VPS (Docker, Postgres, Redis, Caddy, GHCR) with GitHub Actions, Vitest, Playwright, Grafana Cloud and Sentry.
- Built and operated consumer web apps that reached 3,000+ unique monthly users (React, Angular, Spring Boot, Django, AWS EC2/S3/RDS), with CloudWatch, Sentry, Cloudflare and automated tests.

AI Developer Intern, Sebit Company Limited, Hong Kong Aug 2022

- Fine-tuned and deployed PyTorch computer-vision models on Nvidia Orin edge devices (Docker, Linux, Bash) for biomedical imaging and hazard detection; maintained a device-status tool with instant-messaging alerts.

Software Engineer Intern, Life-Long Learning International Limited, Hong Kong Jun - Jul 2022

- Built and maintained a WordPress and PHP website.

IT Support Specialist, Hong Kong University of Science and Technology, Hong Kong Sep - Dec 2021

- Developed and tested a Drupal site, prototyped features, and wrote documentation.

EDUCATION

MSc Advanced Computer Science (Artificial Intelligence), University of Manchester 2023 - 2024

Dissertation: BERT and LLaMA models mapping clinical adverse-drug-reaction text to MedDRA codes (Python, PyTorch, TensorFlow).

BEng Computer Science, First Class Honours (CGA 3.8, Dean's List), HKUST 2019 - 2023

SELECTED PROJECTS

- **fishinvestor.com:** live game with a low-latency player marketplace; Node.js/Express, React, MongoDB; 200+ peak daily visitors.
- **goosefarmersimulator.com:** live-service full-stack game; Django REST API, Angular, PostgreSQL on AWS.
- **mojichan.com:** emoji-only message board; Spring Boot, React/Next.js, Gemini live translation, PostgreSQL on AWS.
- **HKUST Butterfly App:** campus "Pokémon Go for butterflies"; React Native, React admin, Node/Express, MongoDB, OpenCV/TensorFlow species ID.
- **Smart-contract vulnerability detection:** TypeScript + Docker tool for common Solidity vulnerabilities (undergraduate research).

SKILLS

Languages: Java, TypeScript, JavaScript, Python, C#, SQL, C/C++ / **Backend:** Spring Boot, Fastify, Node.js, Django, PostgreSQL, MongoDB, REST, WebSockets

Frontend: React, Next.js, Angular, Vue.js, React Native / Expo / **Cloud and ops:** AWS, Azure, Docker, GitHub Actions, Linux VPS, Cloudflare, Grafana, Sentry / **Language:** English: IELTS 8.5