FELIX KEN

Melbourne, VIC (Full Work Rights – 485 Visa) | 0490074020 | kangjiaxu0605@gmail.com | LinkedIn | GitHub | Personal Website

PROFESSIONAL SUMMARY

Highly motivated **Full-Stack Software Engineer** with 3+ years' experience delivering scalable applications, specialising in **backend development, REST APIs** and **system integration**. Skilled at modernising legacy platforms and building solutions that improve data accuracy, reduce processing times and automate workflows. Strong foundation in object-oriented programming, SQL, data processing and recognised for adaptability, strong troubleshooting and problem-solving skills and the ability to quickly learn new technologies. Seeking full-stack developer roles (**C#, Java, Angular, Next.js**) to apply expertise and further develop technical skills.

KEY SKILLS & EXPERTISE

Languages & Frameworks: Java, **C# (.NET, .NET Core Web API)**, Python, JavaScript, TypeScript, Rust, C++, Spring Boot, FastAPI, ORM (Hibernate JPA, Entity Framework Core), REST APIs, React, Next.js, Vue, Node.js, Angular, Tailwind CSS, Sass, Vite
Databases, Cloud & DevOps: PostgreSQL, MSSQL, GraphQL, MySQL, Redis, Supabase, Sanity CMS, Firebase, Amazon Web Services (EC2, S3), Microsoft Azure, Version Control (Git/GitHub), Jenkins, Docker, Kubernetes, Apache Maven, Nginx, CI/CD, Jira, Agile/Scrum, Postman, Figma, Linux (Terminal), DevOps Practices
Testing, Quality & Integration: Unit Testing (JUnit, Playwright), JaCoCo, Automated Testing Pipelines, Apache POI, Spring Batch, ELK Stack (Elasticsearch, Logstash, Kibana), Apache Kafka, Apache Solr, Integration Testing, XML/JSON Data Handling, Data Protection, Third-Party Integrations (Stripe, Xero, ClickSend), NLP / AI API Integration
Soft Skills: Stakeholder Engagement, Problem-Solving, Attention to Detail, Collaboration, Communication, Adaptability, Resilience

PROFESSIONAL EXPERIENCE

Software Engineer | Open Law | Sydney, NSW (Remote) | Nov 2023 – Present
- Promoted to **Lead Contributor** within one month, leading **Agile** sprint planning and end-to-end delivery across backend, frontend and deployment to strengthen collaboration within a six-member team and shorten release cycles by **~15%.**
- Enhanced reliability of core **Java** applications by extending a 20-year-old legacy system with **JaCoCo** coverage, automated testing and **CI/CD** pipelines, reducing production issues and ensuring stable deployments.
- Developed **REST APIs** to support integrations and workflow automation, enhancing systems with **Docker, Kubernetes** and **ELK Stack** monitoring, while embedding data protection practices and collaborating with frontend teams in **Next.js** and **React**.

Selected Projects:
- **Jade:** Led backend optimisation of the legislation ingestion system using **Java, Spring** and **PostgreSQL**, automating multi-state tracking with **Selenium** and **Dockerized AWS** pipelines; improved data accuracy **30×** and delivered scalable **RESTful APIs** for downstream research tools.
- **BFSLA:** Delivered full-stack functionality with **Next.js, Supabase** and **Sanity CMS,** integrating **Stripe** for seamless member management and payments that processed **$30K** in the first month and improved user and admin experience.
- **Delambre:** Built a document processing engine in **Java (Spring Boot)** using **Apache POI** and Visitor pattern, integrated with **PostgreSQL, Spring Batch** and external APIs; cut conversion time from **24h to 1h** and improved data consistency by **95%.**

Software Engineer | ItemTube | Melbourne, VIC | Dec 2022 – Nov 2023
- Promoted to **Main Developer** within 6 months and recognised with an outstanding performance evaluation **(top 10%** of employees, 2023) for exceeding delivery targets and driving backend improvements.
- Led backend development and optimisation (**Python, FastAPI, PostgreSQL**), redesigning core services that supported **6000** active users and improving scalability, maintainability and reliability of client-facing applications.
- Partnered with product managers and front-end developers to deliver new features, integrate APIs and third-party services and resolve production issues, enabling **~30%** faster release cycles and more reliable system performance.

Selected Project:
- **Do Job Now:** Developed a full-stack job management system with advanced permission controls and integrations with Stripe, Xero, ClickSend and AWS, reducing manual reconciliation time by **40%** through automated financial reporting; built with Python, FastAPI, PostgreSQL, SQLAlembic, Docker, Kubernetes, Git, CI/CD, Vue.js, and TypeScript.

PERSONAL PROJECTS

- **Skinet:** Architected and deployed a full-stack e-commerce platform using **C#, ASP.NET Core, Angular, MSSQL** and **Redis** caching with **Clean Architecture**, achieving **100%** feature completion, **60%** faster page loads, **40%** fewer database calls and **15+** documented **RESTful APIs** supporting seamless integration and **50%** faster future development.

EDUCATION & CERTIFICATIONS

Master of Information Technology | University of Melbourne | 2022
Bachelor of Computer Science | University of Arizona | 2020
Next.js 15 & React: The Complete Guide | Udemy | 2025
Build an E-Commerce App with .Net Core & Angular | Udemy | 2025