LUCAS KIM
Senior SENIOR FULL STACK DEVELOPER

SUMMARY

Senior Full Stack Developer with a Master's in Computer Science and a depth of experience in front/backend technologies across multiple domains. Practical knowledge of Python, Django, Next.js, NestJS, and a robust foundation in PostgreSQL. Proven capability in leading development projects, optimizing database schemas, and leveraging CI/CD pipelines with Docker and Kubernetes. Skilled in Agile methodologies, project management, and UI/UX design paired with a substantial background in IoT solutions, showcasing versatility and technical prowess. Recognized for streamlining operations, reducing costs through automation, and advancing retail technology platforms.

TECHNICAL SKILLS

Main Technical Skills	PHP, NestJS, microservices architecture, TypeScript, React
Programming Languages	JavaScript, PHP, TypeScript
AI & Machine Learning	AI
JavaScript Frameworks	Angular, Ext JS, NestJS, React, Svelte, Vue.js
PHP Frameworks	Laravel
JavaScript Libraries and Tools	Redux-Saga
Databases & Management Systems / ORM	MongoDB, PostgreSQL, SQL
UI Frameworks, Libraries, and Browsers	Ant Design, Chrome Extensions, HTML/CSS Preprocessors
Cloud Platforms, Services & Computing	AWS
Industry Domain Experience	seo
Methodologies, Paradigms and Patterns	Agile, microservices architecture
Deployment, CI/CD & Administration	CI/CD
Virtualization, Containers and Orchestration	Docker, Kubernetes
UI/UX/Wireframing	Figma, Prototyping
Version Control	Git

SDK / API and Integrations	GraphQL
QA, Test Automation, Security	Jest, Postman
Project Management & Administration	Project Management
Other Technical Skills	OMG UML, Vue draggable

WORK EXPERIENCE

IoT Engineer & Software Developer, Make Your Home Smart

Duration: Sept 2019 – Jun 2020
Summary: Implemented a home automation IoT solution for energy efficiency.
Responsibilities: Designed and implemented residential automation systems, integrated IoT devices with central management systems, and handled data transmission protocols.
Technologies: IoT, Things Board, Ethernet and wireless protocols

Full-Stack Developer (Remote), Online Store Platform Optimization

Duration: May 2020 - Sept 2021
Summary: Developed web app MVP for delivery management, optimized AWS infrastructure, and streamlined invoice processing.
Responsibilities: Collaboration with cross-functional teams, AWS infrastructure optimization, MVP development for delivery management, invoice process streamlining.
Technologies: AWS, Web App Development

Shopify Developer, E-commerce Platform Usability Enhancement

Duration: Sept 2021 - Dec 2022
Summary: Redesigned e-commerce platform for improved usability and performance, integrated React with Shopify theme development.
Responsibilities: E-commerce platform usability enhancement, Shopify theme development, React integration, collaboration on best practices, backend API integration.
Technologies: Shopify, React, Redux

Full Stack Team Lead & Project Manager, Hotel Reservation System

Duration: Sept 2023 – Aug 2024
Summary: Led Hotel Reservation System development, optimizing booking experience and hotel operations.
Responsibilities: Project planning and management, frontend interface development, backend solution scaling, microservice implementation, conducting CI/CD, and orchestrating deployments.
Technologies: Next.js, NestJS, Kafka, PostgreSQL, CI/CD, Kubernetes, Cypress, Jest

Full Stack Developer, Retail Technology Platform Enhancement

Duration: Aug 2024 – Present
Summary: Led integration of Python Django project with Shopify, developed centralized system for unsold inventory management, and contributed to retail waste reduction.
Responsibilities: Led Python Django and Shopify integration, developed system for managing unsold inventory, retail waste reduction through strategic project implementations.
Technologies: Python, Django, Shopify

EDUCATION

- **Master's Degree in Computer Science**
  ARDEN UNIVERSITY, BERLIN
  Oct 2018 – Sept 2019
- **Bachelor's Degree in Computer Science**
  JILIN INTERNATIONAL STUDIES UNIVERSITY, CHINA
  Sept 2014 – Sept 2018