

Moojin Kim

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Skills

- Java | Python | Django | FastAPI | JavaScript | TypeScript | React | NextJs | PostgreSQL | MySql | MongoDB | Git
- AWS | Cloud Computing | CI/CD | Unit Testing | SpringBoot | Lambda | OOP | LLM | LangChain
- MicroServices | Distributed Systems | Frontend | Backend | Full-Stack | English, Korean, – *All professional proficiency or above*

Certifications

- AWS Certified AI Practitioner Early Adopter (issued Oct 2024 - Expires Oct 2027)

Experience

Full-Stack Software Developer

ThinkOn

Toronto, ON, Canada

12/2022 - Current

- Development and deployment of multiple cloud-based microServices applications utilizing Java, React, and cloud-native technologies to streamline internal processes and enhance business connectivity•
- Designed and implemented scalable, secure REST APIs for third-party integrations, enabling seamless data exchange between internal systems and external business platforms.
- Participated in and led the successful delivery of high-impact projects for Hitachi, driving the integration of third-party systems and enhancing operational workflows, contributing to a 20% increase in efficiency
- Collaborated cross-functionally to build and maintain enterprise-level cloud solutions, ensuring high availability, fault tolerance, and compliance with industry best practices.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing

Education

Computer Programmer Analyst 3 years

Canadore College

North Bay, ON,
Canada

09/2019 -
05/2022

Projects

AI Stock Portfolio Trading Website (git)

Technologies: FastAPI, OAuth2, LLM Model, Next.js, Yahoo Finance API

- Implemented FastAPI as the backend framework, handling data requests and integrating with Yahoo Finance API for real-time stock market data, enabling users to make informed investment decisions.
- Integrated OAuth2 authentication for secure user login and portfolio access, ensuring data privacy and secure transactions.
- Developed a custom LLM (Large Language Model) to analyze users' portfolios, providing personalized insights and predictions to help optimize their investment strategies.
- Built a dynamic frontend using Next.js, ensuring a seamless and responsive user experience across multiple devices.
- Engineered data synchronization and real-time updates to ensure accurate and up-to-date portfolio information, contributing to an enhanced user experience.

AI Saas Pdf Reader Website (git)

Technologies: NextJS, DrizzleORM, OpenAI, Stripe, TypeScript, Tailwind, AWS, LangChain and Vercel.

- Developed an AI-powered PDF reader using Next.js for the frontend and integrated backend services.
- Implemented authentication with ClerkAuth and ensured secure file uploads using AWS S3.
- Incorporated Pinecone DB for vector-based search and context retrieval, optimizing AI responses with OpenAI and Vercel AI SDK.
- Created a seamless user experience with a chat interface for querying PDF documents, persisting chat logs for future reference, and providing real-time responses.
- Integrated Stripe for payment processing to support premium features and deployed the solution on a production environment.
- The project architecture follows Retrieval Augmented Generation (RAG) principles, combining AI with dynamic document context retrieval.