KUCHIKI RENJI

AI Engineer | Full-Stack Development

📞 +819028843525 @ KuchikiRenji@outlook.com 📍 Fukuoka, Japan

SUMMARY

I am an AI Engineer and Full-Stack Developer with experience in building scalable web applications and integrating advanced AI technologies. I specialize in developing AI solutions from end to end, including machine learning models, optimizing data pipelines, and smoothly adding AI features to full-stack systems. With my experience in both backend and frontend development, I focus on delivering reliable, user-friendly applications that help drive business growth through automation and data-driven insights.

PROFESSIONAL EXPERIENCE

AI Engineer / Full-Stack developer

Quackshift Inc

📅 04/2024 - 06/2025 📍 Japan

- **Enhanced AI Model Accuracy**: Led AI model development and optimization, achieving a **15% improvement** in model accuracy, providing better business insights and supporting data-driven decisions.
- **End-to-End AI Integration**: Collaborated with cross-functional teams to integrate AI features into full-stack applications, resulting in a **20% increase** in user engagement.
- **Scalable Data Pipelines**: Designed and deployed **real-time data pipelines**, ensuring high-performance AI processing and seamless data flow for predictive and analytical tasks.
- Mentored junior engineers on AI practices, promoting a collaborative environment focused on model development, deployment, and optimization, improving team performance.

Machine Learning Engineer

Quackshift Inc

📅 10/2021- 03/2024 📍 Japan

- Designed, trained, and deployed **predictive models**, increasing **sales forecasting accuracy by 20%**, improving inventory management and demand planning.
- Built and maintained **automated data pipelines**, streamlining data preprocessing and model integration.
- Tuned and optimized **ML algorithms**, enhancing predictive performance and aligning with business goals.
- Worked closely with engineering and product teams to integrate AI features into **enterprise-level applications**.

TECHNICAL SKILLS

AI / Machine Learning

OCR/AI-OCR LLM
Computer Vision NLP
Forecasting Chatbots
Time-Series Prediction
MLOps, Model Deployment

Backend Deployment

Python(FastAPI, Flask)
Node.js Docker
Rest API, GraphQL

Cloud & DevOps

AWS, GCP, Azure
Serverless architectures
CI/CD pipelines
Infrastructure automation

Others

SQL NoSQ Git
Github GitLab
Agile/Scrum

PROFESSIONAL EXPERIENCE

Full-Stack Developer / AI Integrator
Hanaprime Inc

📅 04/2020 - 09/2021   📍 Japan

- Developed key frontend features and improved **UI components** to enhance the responsiveness and user experience of web applications.
- Built and integrated **backend services** using **Python** with **Flask/Django**, ensuring smooth full-stack system operation.
- Integrated **AI-powered features** into web applications, boosting functionality with machine learning models like **recommendation systems** and **NLP**.
- Optimized **APIs** and improved **database performance**, ensuring scalability and efficient data handling across frontend and backend systems.

Full-Stack Developer
Hanaprime Inc

📅 04/2018 - 03/2020   📍 Japan

- **Responsive web pages** and **dynamic UI components** were developed using **HTML, CSS, JavaScript,** and **jQuery**, significantly improving user experience.
- Contributed to **building RESTful APIs** with **Node.js** and **Express.js**, integrated with **PostgreSQL** for efficient data handling.
- Managed source code using **Git** and participated in deploying applications via **CI/CD pipelines**, ensuring smooth and rapid updates.
- Identified and fixed bugs, streamlined **SQL queries**, and enhanced frontend performance to improve responsiveness.

EDUCATION

Bachelor of Engineering
Tokyo Institute of Technology

📅 04/2014- 03/2018   📍 Tokyo Japan

Fukuoka Prefectural Fukuoka High School

📅 04/2011- 03/2014   📍 Fukuoka Japan