

RACHAPHOL PLOOKAOM

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SUMMARY

Passionate and dedicated Junior Full Stack Web Developer with a solid foundation in HTML, CSS, JavaScript, and Python, complemented by experience in developing and deploying Large Language Models (LLM) and Retrieval-Augmented Generation (RAG) systems. Over 1 year of experience in building and maintaining web applications, with Django-based projects. Proficient in utilizing Cloudflare, DigitalOcean, Postman, and Webflow to enhance deployment, performance, API testing, and front-end design capabilities. An explorer of AI tools aimed at reducing team workload, with a strong potential and curiosity in AI technologies. Actively participates in technology, developer, and AI events to stay abreast of industry trends and advancements. Adept at collaborating with cross-functional teams, troubleshooting issues, and delivering high-quality projects. Committed to continuous learning and embracing new technologies to enhance team capabilities and project outcomes.

WORK EXPERIENCE

Junior Full Stack Software Developer, Turfmapp

Jan 2024 - Present

- Developed and maintained web applications using a comprehensive technology stack, including React.js, Node.js, Express.js, Django, HTML, CSS, and Tailwind CSS
- Managed backend databases with MongoDB and PostgreSQL, ensuring data integrity and efficient retrieval
- Deployed and optimized applications on DigitalOcean with Cloudflare, enhancing performance and security
- Integrated cutting-edge AI technologies, including Large Language Models (LLM) and Retrieval-Augmented Generation (RAG) systems to improve application functionality
- Utilized Postman for comprehensive API testing and documentation, ensuring reliable backend services

TECHNICAL SKILLS

Programming Languages & Frameworks:

- Python: Intermediate
- Django: Intermediate
- JavaScript: Intermediate
- React.js / Next.js: Intermediate
- Node.js & Express.js: Intermediate
- TypeScript: Basic
- HTML5 & CSS3: Advanced
- Tailwind CSS & Ant Design: Intermediate
- SQL & PostgreSQL: Intermediate
- MongoDB: Intermediate

Tools & Technologies:

- Version Control: Git
- CI/CD: Basic knowledge
- Database Management: PostgreSQL, pgAdmin, MongoDB
- Web Servers: Basic understanding of Nginx
- Containerization: Basic knowledge of Docker
- API Testing: Postman
- Cloud Services: DigitalOcean, Cloudflare
- CMS: Wagtail
- Front-End Design: Webflow
- Other: Manual Software Testing

PROJECTS

Home Service

Technologies: React.js, Node.js, Express.js, Tailwind CSS, Ant Design, DigitalOcean, Cloudflare

- Description: A comprehensive web application providing home service listings, booking functionalities, and user reviews. Implemented responsive design and seamless backend integration. Deployed on DigitalOcean with Cloudflare for enhanced security and performance.

Knowledge Base System

Technologies: Python, Django, Elasticsearch, RAG

- Description: Created a knowledge base system that integrates Retrieval-Augmented Generation to enhance information retrieval and user query handling. Implemented with Django backend and Elasticsearch for efficient data indexing.

EDUCATIONS

Bachelor's Degree in Biological Sciences

Mahidol University, Bangkok, Thailand
2015 – 2018

- Field of Study: Biology/Biological Sciences

Coding Bootcamp

TechUp, Bangkok, Thailand
June 2023 – October 2023

- Curriculum: HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, PostgreSQL, Software Testing, Git