

Auraiwan Choosakul

Software Engineer

+61450128327 ACT, AU • auraiwan1756@gmail.com
• <https://www.linkedin.com/in/auraiwan-choosakul/> • github.com/Vicky1756

Highly skilled Golang developer with a strong dedication to crafting clean and efficient code. Proficient in data structures, software architecture, and system design, with a proven track record of excellence. Excited to contribute my expertise to a team of seasoned developers and actively contribute to the development of cutting-edge software products. Authorized to work in Australia without the need for visa sponsorship.

TECHNICAL SKILLS

Programming Languages

Golang, C++, .Net, PHP, CSS, HTML, Java, Javascript, Python, Ruby, SASS, SCSS, Typescript.

Platform

Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure.

Database

Microsoft Access, MongoDB, MySQL, PostgreSQL, Redis

Frameworks

NodeJS, Angular, Bootstrap, Django, Framework7, gRPC, Rails, React.

Tools

Bitbucket, Confluence, Github, GIT, Jenkins, Jira, Argo CD, K6, Jmeter, Power BI

Containers

Docker, Kubernetes.

PROFESSIONAL EXPERIENCE

Backend Engineer • Arise by Infinitas, Bangkok, Thailand

08/2022 - 07/2023

Arise by Infinitas is a digital solution provider that is committed to developing financial solutions for Thai Public Banking.

- Developed and maintained Golang microservices for a large-scale, high-throughput KYC/AML Platform for public banking in a team of six developers.
- Implemented RESTful APIs to connect frontend applications with backend services using Go channels and Goroutines.
- Experience with Kafka Clusters and Kafka as a messaging and storage solution such as handling message queue for the common service's email gateway.
- Refactored old codebase to reduce complexity while providing a better flexibility and code reuse utilized orchestrator architecture.
- Designed complex application database SQL statements for querying, updating and reporting using go database connector.
- Create RPC-based service for reading large volumes of data from PostgreSQL using Golang.
- Written go unit test for microservices during the development phase and ensure the code coverage is above 90%.

- Scaling core banking services provide experience in working with high availability and fault-tolerant applications utilizing orchestration technologies, such as Kubernetes, on the Google Cloud Platform.

PROFESSIONAL EXPERIENCE (CONT.)

Data Scientist Intern • Manatal, *Bangkok, Thailand*

08/2021 - 04/2022

Manatal is an AI-based recruitment software company based in Bangkok.

- Built, maintained and improved core features of Manatal: CV/resume parsing services using NLP and machine learning knowledge.
- Built a fuzzy matching algorithm using K-Nearest Neighbors to identify non-exact matches
- Improved the number of success rates for resume parsing service to achieve higher accuracy.
- Built NLP custom entity recognition for resume parsing.
- Implemented web application for data labeling utilized Python for the backend (Flask) and Angular the frontend.

PERSONAL PROJECTS

Autonomous Chess Playing Robotics Arm

- Utilized machine learning techniques to train the model and improve Chess Board recognition and chess pieces recognition quality .
- Utilized MInimax and Alpha-beta pruning algorithm to generate Chess AI engine and enhanced the engine with heuristic evaluation function.
- Designed and implemented Chess AI application utilizing Python and Javascript for the backend, Angular for the frontend and Flask as a framework to generate web applications .

Gender Classification from Tweet Text using NLP

- Implemented deep learning model (XGBoost Classifier) to classify Twitter user's gender from Tweet text.
- Data preprocessing using tokenization, lemmatization.

EDUCATION

Bachelors of Engineer in Robotics and Automation Engineering

King Mongkut's University of Technology Thonburi

08/2018 - 08/2022

Institute of Field Robotics (FIBO), *Bangkok, Thailand*

- Relevant coursework: Artificial Intelligence and Machine Learning, Computer Programming, Computer Visions, Statistics, Robotics Control systems, Mechanics, and Electronics.
- Senior Project: Implemented custom NER Spacy model training and enhanced Manatal's core features for resume parsing service using NLP and rules-based.

References available upon request