

TACHAKORN UENGPAPORN

Software Engineer

+66 6x xxx 5445 u.tachakorn@gmail.com linkedin.com/in/tachakorn tachakorn.com

WORK EXPERIENCE

Seedooh Pty Ltd.

Full-Stack Developer | Feb 2020 - present

- Developed an advanced ad verification system for public space media, managing a dataset exceeding 10 billion records to deliver 100% accurate results.
- Created an automated ad scheduler system using advanced algorithms to handle complex conditions, leading to a significant reduction in employee utilization and a 90% decrease in working time.
- Provisioned and maintained high availability for over 20 AWS environments across regions, utilizing AWS resources such as Elastic Beanstalk, CloudFormation, Lambda, RDS, ElastiCache, SQS, and CodePipeline.
- Optimized a Lambda function to reduce processing time, which achieved a 30% cost savings.
- Created an integration system to connect the Seedooh platform with third-party ad booking systems, enabling seamless data streaming to Seedooh, ensuring 100% data accuracy and consistency.
- Innovated and designed a proof-of-concept image similarity system to automate image matching using image processing and deep learning technologies, achieving over 80% matching accuracy.
- Implemented analytic and monitoring tools such as Grafana, Sentry, and Mixpanel to ensure system consistency and availability, enabling the business team to track user behavior and enhance product development.

Neversitup Co., Ltd.

Backend Developer | Feb 2019 - Feb 2020

- Facilitated the entire application lifecycle, with a strong emphasis on coding and debugging, resulting in a 60% reduction in bug reports.
- Conducted research and introduced a microservice architecture, utilizing Google Kubernetes Engine (GKE), and migrated an existing project to the new environment, which resulted in a 50% scalability.
- Met with clients to collect requirements and recommend the most effective solutions to address client needs, leading to a 25% reduction in unnecessary work.
- Led and managed a cross-functional team of 5 members, establishing goals, assigning tasks, and providing comprehensive guidance and support.

Android Developer | Jun 2016 - Feb 2019

- Initiated the development of applications from scratch, strictly adhering to the provided design specifications to ensure consistency and quality, resulting in an app with over a 4.5-star rating on the store.
- Collaborated with the backend team to design and develop robust APIs, increasing development speed by 25% and ensuring seamless integration and efficient communication between system components.
- Advocated for and implemented a real-time data synchronization feature between a user's devices utilizing the Firebase Realtime Database.

ContributionDAO

Frontend Developer & Core Builder | Part-time

- Researched and applied Web3 technologies on the platform, incorporating best practices and security considerations.
- Developed a decentralized talent aggregator platform utilizing Next.js, GraphQL and Web3 technologies.

SKILLS

Languages: Python, Javascript, Typescript, Java, Dart

Frameworks & Libraries: Django, DRF, Node.js, Express, React, Next.js, Firebase, Web3, GraphQL, Flutter

Databases: MySQL, MongoDB

Others: AWS, GCP, Linux, Git, Docker

EDUCATION

B.Eng. in Computer Engineering

Kasetsart University

May 2012 - May 2016