

Ethan Yeh

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Work Experience

KryptoCamp

BLOCKCHAIN ENGINEER / VICE INSTRUCTOR (PART-TIME)

Taipei City, Taiwan

Jan. 2022 - Present

- Developed Crypto Mind NFT project smart contract and backend, implementing anti-bot, hidden metadata, etc
- Solved students blockchain development issues and corrected students' assignments

CYR Digital Entertainment CO., LTD.

BACK END TEAM LEAD

Taipei City, Taiwan

Nov. 2020 - Dec 2021

- Designed Event-Driven Architecture (Event Sourcing, CQRS, BFF, API Composition) and managed 300+ containers with Kubernetes
- Implemented micro-services development and testing template which made developers focus on business logic development
- Provisioned an easily manageable infrastructure (Amazon AWS, Github) utilizing IaC (Terraform)
- Built fully automated CI/CD pipelines on Github Actions for containerized applications using Docker, AWS ECR, Argo CD
- Deployed a centralized logging environment (EFK, Elasticsearch, Fluentd, Kibana) which gather log data from Docker containers
- Deployed a centralized monitoring environment (Prometheus, Grafana) which gather system metrics as well as containers run-time metrics
- Deployed a centralized tracing environment (Istio, Zipkin, Jaeger) which gather micro-services requests
- Developed C#, Javascript Client SDK which made front-end team focus on UI/UX
- Led 3 back-end engineers, 2 web front-end engineers, 2 QA engineers, ensuring feature delivered on time

CYR Digital Entertainment CO., LTD.

SENIOR SOFTWARE ENGINEER

Taipei City, Taiwan

Dec. 2019 - Nov. 2020

- Participated in board game back-end development which helped the company get 1M USD investment
- Implemented a distributed stress client with 5000+ anonymity
- Evaluated mobile app project features using flutter development which reduced 2 manpower
- Developed an instant messaging system with a global gambling company

SHOW U FASHION TECHNOLOGY CO., LTD.

FULL STACK ENGINEER

Taipei City, Taiwan

Dec. 2018 - Nov. 2019

- Migrated back-end framework from Egg.js to Nest.js made it more maintainable and developed 80% features (payment, video call, IM, ...etc.)
- Built and Deployed overall service infrastructure utilizing Docker container and several AWS stack (Lambda, APIGateway, EC2, ECS, Route 53, S3, CloudFront, RDS, Elasticache, IAM, Elastic Beanstalk, SQS, SNS, SES, SMS)
- Introduced Typescript into React Native mobile app development made it maintainable and developed 40% features
- Introduced Code Push technology which made app development can adapt to marketing change
- Collaborated with NeuHelium AI team to build a women's goods recommended system
- Participated in Beijing product press conference, responsible for ensuring app DEMO smoothly

BROCAS CO., LTD.

FULL STACK ENGINEER

Taipei City, Taiwan

Aug. 2017 - Apr. 2018

- Developed and Maintained 3 projects back-end server using Node.js web framework Koa, Express
- Developed and Maintained admin console UI using React.js and Vue.js
- Wrote a product back-end test cases, ensuring coverage above 90%

International Integrated Systems, Inc.

JAVA SOFTWARE DEVELOPER

Taipei City, Taiwan

Feb. 2017 - Apr. 2017

- Maintained and Developed bank system using J2EE Technologies

Technical Skills

Programming Languages

Typescript / Javascript, Solidity, Dart, Java

Backend

Nest.js, MongoDB, MySQL, Redis, RabbitMQ, Nats / Nats Streaming

App / Web Frontend

React Native, Flutter, React.js, Vue.js

DevOps

AWS, Docker, Kubernetes, Terraform, Drone CI, Github Actions, Argo CD

Others

Shell Script, Istio, Vault, Helm, EFK, Prometheus

Education

Tamkang University

B.S. IN COMPUTER SCIENCE

New Taipei City, Taiwan

2012 - 2016

- baseball team vice captain