

# Ethan Yeh

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## Work Experience

### KryptoCamp

VICE INSTRUCTOR (PART-TIME)

- Solved students blockchain development issues and corrected students' assignments

Taipei City, Taiwan

Jan. 2022 - Present

### CYR Digital Entertainment CO., LTD.

BACK END TEAM LEAD

- 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

Taipei City, Taiwan

Nov. 2020 - Dec 2021

### CYR Digital Entertainment CO., LTD.

SENIOR SOFTWARE ENGINEER

- 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

Taipei City, Taiwan

Dec. 2019 - Nov. 2020

### SHOW U FASHION TECHNOLOGY CO., LTD.

FULL STACK ENGINEER

- 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

Taipei City, Taiwan

Dec. 2018 - Nov. 2019

### BROCAS CO., LTD.

FULL STACK ENGINEER

- 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%

Taipei City, Taiwan

Aug. 2017 - Apr. 2018

### International Integrated Systems, Inc.

JAVA SOFTWARE DEVELOPER

- Maintained and Developed bank system using J2EE Technologies

Taipei City, Taiwan

Feb. 2017 - Aug. 2017

## Technical Skills

<b>Programming Languages</b>	Typescript / Javascript, Solidity, Dart, Java
<b>Backend</b>	Nest.js, MongoDB, MySQL, Redis, RabbitMQ, Nats / Nats Streaming
<b>App / Web Frontend</b>	React Native, Flutter, React.js, Vue.js
<b>DevOps</b>	AWS, Docker, Kubernetes, Terraform, Drone CI, Github Actions, Argo CD
<b>Others</b>	Shell Script, Istio, Vault, Helm, EFK, Prometheus

## Education

### Tamkang University

B.S. IN COMPUTER SCIENCE

- baseball team vice captain

New Taipei City, Taiwan

2012 - 2016