

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 two 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

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

- baseball team vice captain

New Taipei City, Taiwan

2012 - 2016