

Yio Chou

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SUMMARY

- 3+ years of experience in backend development, including programing, database schema design, and performance tuning.
- Have solid experience in Node.js. Ability to write maintainable and readable code that follows SOLID principles.
- Hands-on experience of both relational database and NoSQL. Ability to design corresponding schema according to their features, and create reasonable indice.
- Hands-on experience with GCP and K8S to develop, monitor and deploy applications.
- Hands-on experience of frontend development, including React and Redux.

WORK EXPERIENCE

SoundOn, Backend Engineer

2020/7 - 2021/7

Tech: NodeJS, PostgreSQL, GCP, K8S, BigQuery, Dataflow, CircleCI, Firebase, React

- Developed new features of podcast hosting and podcast player; furthermore, refactored the lagacy code base.
- Built alerting system on GCP, and integrated with Slack to notify developers actively if incident occrrs.
- Scheduled ETL cron jobs to process data stored in BigQuery, and aggregated for the purpose of analytics and podcast ranking.
- Migrated database from Firestore (NoSQL) to PostgreSQL without downtime, meanwhile, cleaned up dirty documents to consistent records.
- Supported frontend team (using React, Redux, and configure Prerender), app team (using Flutter) °

LJIT.io, Frontend/Backend Engineer

2018/5 - 2020/2

Tech: NodeJS, Express.js, MongoDB, MySQL, Redis, AWS S3, React/Redux, Webpack, Docker

- LJIT.io was an outsourcing company. Developed various projects and touched multiple technology. At first, I was frontend developer, but then dedicated to backend development.
- On blockchain game (dapp) project: Modified a smart contract and deployed to ethereum. Besides, developed website with React, Redux, and interacted with deployed smart contract.
- On video streaming platform project: Developed both frontend and backend, and designed database schema. Stored video files to aws s3, and deployed CDN to improve experience of viewers.
- On gambling platform project: Developed various algorithms of lotteries and wrote unit tests. Helped team spending less times on writing tests, by programing a script that converted test cases to unit tests code. Introduced two-factor authentication into login process.
- Took an active part in study group, and shared topics like SOLID, React/Redux, Database Transaction/Isolation and so on.

EDUCATION

National Central University

2013/9 - 2017/7

Bachelor of Computer Science.

SKILLS

- Programming Languages: Javascript(NodeJS, TypeScript), Golang
- Database: MySQL, PostgreSQL, MongoDB, Firestore, Redis
- Infra: GCP(GKE, BigQuery, Dataflow, CloudRun), AWS S3, K8S, Terraform, CircleCI
- Frontend Framework: React, Redux, JQuery
- Other: Git, Docker, Firebase, OneSignal, BullMQ, MailGun, TapPay, SOLID