




Yio Chou

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SUMMARY

- 3+ years of experience in backend development, including programming, database schema design, troubleshooting, application development, and performance optimizing.
- Solid experience in Node.js. Ability to write maintainable and readable code that follows SOLID principles.
- The ability to break down requirements into minor tasks and complete them on time.
- Hands-on experience in building application from scratch.
- Enjoy challenges and take full ownership for the results of my decisions.

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 service and podcast player. Refactored the legacy code base.
- Built alert system on GCP, and integrated with Slack to notify developers in real-time.
- Scheduled ETL cron jobs to process and aggregate BigQuery data for performance analytics of podcast shows and podcast rankings.
- Migrated database from Firestore (NoSQL) to PostgreSQL with zero downtime, and transformed dirty documents into consistent records.
- Supported frontend team (React, Redux, and Prerender), app team (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 utilized multiple technologies. Played both frontend and backend roles.
- Blockchain game (dapp) project: Modified a smart contract and deployed to ethereum. Developed website with React, Redux, and web3.js to interact with the deployed smart contract.
- Video streaming platform project: Engineered frontend, backend, and database schema design. Stored video files on AWS S3, and deployed CDN for better viewer experience.
- Gambling platform project: Implemented various lottery algorithms and unit tests. Saved the team significant time on writing tests by introducing template for test code auto generation. Launched two-factor authentication.
- 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(Node.js, 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