

# Howard Tang (唐浩)

## Full-Stack Engineer

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**Full-stack Engineer** with 4+ years of expertise in TypeScript-based web development, specializing in Next.js and NestJS. Proficient in AWS cloud services including CloudFront, DynamoDB, ECS, Route53, RDS, and more. Passionate about engineering excellence and driven to architect scalable solutions while continuously expanding technical capabilities.

## WORK EXPERIENCE

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### BeyondBrain | Interim CTO & Full Stack Engineer

Feb. 2024 — Present

- Led the development of multiple products including [Lumi](#), a hotel booking platform for the Middle East market, implementing full-stack scalable solutions with React.js and Node.js.
- **Led a cross-functional team** of 6 engineers, orchestrating collaboration between mobile (Flutter), backend (Node.js) developers, UI/UX design, and QA to deliver high-quality products.
- Established development **roadmaps** and **sprint planning**, defining milestones and deliverables while ensuring optimal resource allocation and timely product launches.
- Implemented robust **code review** processes and technical standards for **backend** development, enhancing code quality and maintaining architectural integrity.
- Serve as an **interviewer** for most of our developer interviews.

### MixerBox | Full-Stack Engineer

Jun. 2021 — Feb. 2024

- Develop and maintain **MixerBox ChatAI**, **MixerBox ID**, **MixerBox Pay**, and other website products, many from scratch.
- Create an internal **UI framework library** for the company, based on Material UI.
- Deploy web services on **AWS cloud services**.
- Serve as an **interviewer** for our web developer interviews.
- The company's **first full-stack engineer** and has been instrumental in recruiting and establishing the team.

### Funpodium | IT Intern

Jul. 2020 — Feb. 2021

- Develop a website that functions similarly to **AWS' IAM console**.
- Develop the **new official website** for Funpodium with a back office, mainly by React.js.
- Build another side project about a simple social website like **Instagram**.

### Gridwell | IT Intern

Jul. 2019 — Jun. 2020

- Develop websites for **monitoring** Taipower's electricity services.
- Develop python codes for **analyzing** Taipower's machine data.
- Maintain and design SQL databases schemas.

## EDUCATION

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### National Taiwan University

Sep. 2017 — May. 2021

B.S. in Computer Science and Information Engineering

- **Teaching Assistant** for the Algorithm class.
- **General Coordinator** Of CSIE Camp.

## SKILLS

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### Programming Languages:

- TypeScript, JavaScript, Python, SQL, HTML, CSS

### Frameworks & Libraries:

- **Frontend:** React.js, Next.js
- **Backend:** Node.js, NestJS

### Cloud & DevOps:

- **AWS Services:** CloudFront, DynamoDB, ECS, Route53, RDS, and more.
- **CI/CD:** GitHub Actions, Jenkins

### Database:

- **SQL:** PostgreSQL
- **NoSQL:** DynamoDB, MongoDB