

Claudia Teng 鄧紹妤

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- Fullstack engineer with 2 years experience in Node.js, Express, Angular, and React
- Passionate about exploring development tools and building innovative software products to solve real-world problems
- Eager to learn new techniques and interested in implementing low-latency, high-availability, and high-scalability applications

LinkedIn: <https://www.linkedin.com/in/claudia-teng/>

GitHub: <https://github.com/Claudia-teng>

Website: <https://claudia-teng.github.io/portfolio/>

Skills

Frontend – HTML, CSS, JavaScript, Bootstrap, Angular, React

Backend – Node.js, Express

Database – MySQL, Redis, MongoDB

Cloud Service – EC2, RDS, Elastic Load Balancing, Auto Scaling, Lambda, CloudWatch, Code Deploy

DevOps – Docker, GitHub Actions

Others – Git, Socket.IO, Power BI

Experience

Jun. 2022 – Nov. 2022

Taipei, Taiwan

Backend Engineer, AppWorks School

- Completed an e-commerce website (STYLISH) within 4 weeks including Cache Mechanism, Rate limiter, and Message Queue
- Collaborated with frontend team members to extend STYLISH features such as bidding & private messaging chat room
- Developed personal project TICKETCLUB, a concert ticket-selling website in 5 weeks with SCRUM methodology and Trello for task management

Dec. 2020 – May 2022

Taipei, Taiwan

Frontend Engineer, Caloudi

- Developed frontend features for an online cloud management platform with Angular, SASS, PrimeNG, and Chart.js
- Collaborated with backend developers & UI designers to complete 3 main features such as cost management dashboard, usage monitor, and recommendation systems

Jul. 2020 – Nov. 2020

Taipei, Taiwan

Frontend Trainee, Institute of Information Industry

- Completed 562 hours training of frontend skills including HTML, CSS, Bootstrap, RWD, JavaScript, jQuery, React
- Built an e-commerce website with 5 team members by React, Node.js, and MySQL

Oct. 2019 – Dec. 2019
London, UK

Events and Community Fundraising Intern, Starfish Greathearts Foundation

- Managed social media accounts including Facebook and Twitter
- Created email newsletters to keep supporters updated
- Liaised with corporate / business personnel for event sponsorships

Projects

1. TICKETCLUB

Website: <https://ticketclub.live/>

Frontend GitHub: <https://github.com/Claudia-teng/ticket-club>

Backend GitHub: <https://github.com/Claudia-teng/ticket-club-api>

*TICKETCLUB is a concert ticket-selling website that provides **queuing system**.*

- Limit the number of people visiting the event selling page to prevent server crashes.
- Apply “queuing psychology” and calculate the estimated waiting time for each user by using **WebSocket** and **Redis** List & Hash.
- Use **Elastic Load Balancing** and **Auto Scaling** to scale out servers.
- Use **CloudWatch EventBridge** to schedule **Lambda** to warm up instances before each selling event starts.
- Update seat status (selected, locked, sold) by WebSocket during selling time to reduce race conditions.
- Implement continuous deployment by **GitHub Actions**, **Docker**, **Code Deploy** to automatically update app versions across multiple instances.

2. NASA Project

Website: <https://nasa-project-claudia.herokuapp.com/>

GitHub: <https://github.com/Claudia-teng/nasa-project>

NASA mission control system to search for real-time launching data.

- Built a **MERN** (MongoDB, Express, React, Node.js) fullstack app and deploy to EC2 with Docker.
- Use NASA Open APIs to get real-time launching data.
- Use **MongoDB Atlas** and **mongoose** to complete CRUD features.

Education

Sep. 2018 – Sep. 2019

Goldsmiths, University of London

Master’s degree, Media and Communications

Sep. 2014 – Jun. 2018

National Taiwan Normal University

Bachelor’s degree, Civic Education and Leadership

Awards

Dec. 2021

Frontend Engineer Finalist, Hex School F2E 3rd

Bus Tracker App

GitHub: <https://github.com/Claudia-teng/tw-bus-tracker>