

Liang Zikai, Full Stack Developer

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| github.com/LZKai1111 | lzkai1111.github.io/Portfolio/

PROFILE

Entry-level fullstack developer with prior internship experience in frontend and backend development. Proficient in JavaScript-based technologies, AWS EC2 deployment and Git-based collaboration. Brings strong communication, coordination and execution skills developed during two years of national service.

EMPLOYMENT HISTORY

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|----------------------|---|---------------------------|
| Sept 2022 - Feb 2023 | FullStack Developer Intern, Tech JDI (JDI Group)
<ul style="list-style-type: none">Built reusable UI components using NextJS to improve efficiency and consistencyDeveloped backend features and deployed backend services on AWS EC2, including environment configuration and server setupCollaborated with developers using Git version control in a team based environment | Ho Chi Minh City, Vietnam |
| Aug 2023 - Aug 2025 | Team Leader, Singapore Armed Forces
<ul style="list-style-type: none">Led and mentored a section of 16 personnel, developing their leadership and communication skills in a high-pressure environmentServed as the primary point of contact for internal coordination, managing cross-department communications to support smooth daily operationsPlanned and executed training exercises, overseeing preparation, coordination and on-ground execution | Singapore |

PROJECTS

[Pathfinding](#) / [Sorting](#) algorithm Visualizer | ReactJS, JavaScript

- Built an interactive web application to visualize pathfinding and sorting algorithms
- Created algorithm for animations such as maze generation, Dijkstra's and merge sort using state-driven UI updates

[Subscription Tracker](#) | ExpressJS, MongoDB, Arcjet

- Built a CRUD backend server with user authentication, RESTful APIs and email reminder system
- Implemented backend security including password hashing, bot detection and rate limiting using Arcjet

EDUCATION

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|---------------------|---|
| Apr 2020 - Apr 2023 | Diploma in Digital Design and Development, Republic Polytechnic
<ul style="list-style-type: none">Edusave Good Progress Award (2022) - Top 10% of cohort by academic improvementEdusave Certificate of Academic Achievement, Merit Bursary (2023) - Top 25% of course cohort |
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SKILLS

Frontend: ReactJS, NextJS
Backend: nodeJS / Express, Springboot
Version control: Git

Databases: MySQL, MongoDB
Deployment & Cloud: AWS EC2

HOBBIES

Backpacking, Reading, Scale modeling