

# EDEN JIA

Motivated Software Engineer with Expertise in Full-Stack Development  
Manchester, UK  
edenjia@hotmail.com

## SKILLS

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Typescript, ReactJS, NodeJS; Spring boot, Apache Camel, Java; GraphQL, SQL; Docker, Kubernetes, Helm; Jenkins, GitHub Actions; Git,

## WORK EXPERIENCE

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**The Hut Group (THG)**  
*Software Engineer*

September 2022 - Present  
Manchester, UK

- Implemented event-driven models with Java and ActiveMQ for seamless microservice communication.
- Migrated multiple artifacts and services using docker and kubernetes.
- Developed a prototype API to enhance data accessibility to external teams.
- Authored documentation and proposed quality improvements for data processes.
- Improved application security with regular VM patching and dependency upgrades, reducing vulnerabilities by 30%.

**Mizuho Bank, Ltd**  
*Internet Systems Department Intern*

June - August 2021  
London, UK

- Developed, end-to-end, a management tool for regulatory & risk reporting, reducing manual effort.

**Perfocal**  
*Technical Intern*

June - September 2019  
London, UK

- Developed, tested and deployed multiple front-end and back-end features
- Adapted front-end to a new back-end in a high-pressure, week-long hackathon, successfully meeting all targets.

## PROJECTS

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**Path Planning on Processing** - <https://github.com/H0PP3R/PathPlanning>

Developed a grid world simulation to demonstrate various path-finding algorithms (Bug2, A\*, Line of Sight) for robotics applications.

**ROSPlan GUI** - [https://github.com/H0PP3R/rosplan\\_gui](https://github.com/H0PP3R/rosplan_gui)

Designed a GUI for the ROSPlan knowledge base, enhancing user interaction with AI Planning frameworks.

**GraphQL API** - <https://github.com/H0PP3R/graphql-api>

Implemented a GraphQL API for a library management system using Typescript and PostgreSQL, improving data retrieval efficiency.

## EDUCATION

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**King's College London**  
*University Undergraduate*

September 2018 - June 2022  
London, UK

- MSci Computer Science with Artificial Intelligence 2:1

**Altrincham Grammar School for Girls**  
*College Graduate*

September 2011 - June 2018  
Manchester, UK

- Mathematics: A\*, Further Mathematics: A, Computing: A\*