

# LIM SHAO KIAT

(+65) 88112692 | [shaokiat@u.nus.edu](mailto:shaokiat@u.nus.edu) | <https://shaokiat.xyz> | [GitHub](#) | [LinkedIn](#)

## EDUCATION

**National University of Singapore**  
**Bachelor of Computing in Computer Science**

- 2<sup>nd</sup> Class (Upper) Honours

**Aug 2019 – Present**  
(Graduating May 2023)

## TECHNICAL SKILLS

- **Programming:** JavaScript, TypeScript, Python, Java, Solidity
- **Frontend:** ReactJS, NextJS, TailwindCSS
- **Backend:** NodeJS, MongoDB, PostgreSQL
- **Dev Ops:** AWS ECS/EKS, Kubernetes, Docker

## WORK EXPERIENCE

**Nested Technologies** — Singapore  
**Software Engineer Intern**

May 2022 – Aug 2022

- Advised and implemented suitable AWS hosting services with proper cost analysis, successfully reduced hosting cost by 30%.
- Handled production deployment of web applications on AWS ECS and EKS to ensure scalability with zero downtime, with appropriate CI/CD on GitHub. **(Kubernetes, Docker, ECS, EKS)**
- Improved and debugged the core web scraping feature of application; Implemented new ways of scraping infinite scrolling pages. **(Python, Pyppeteer, Django)**

**Contranect** — Singapore  
**Software Engineer**

Dec 2021 – Feb 2022

- Implemented real-time chat system, which is a critical part of the main product. **(Apollo GraphQL, ReactJS, MongoDB, Tailwind CSS)**
- Handled deployment, continuous integration, and continuous delivery for the web application using amazon web services, making it production ready. **(ECS, Docker)**

**Micron Semiconductor Asia** — Singapore  
**Data Science Intern**

May 2021 – Jul 2021

- Developed a data science web application by integrating existing algorithms into usable interface, resulted in 50% of engineers having access to it. **(Python, Streamlit, Dash, Sklearn)**
- Conducted non-linear regression models to map the correction offset of manufacturing defects in the wafers, raising production yield.

## PROJECT EXPERIENCE

**LeetGrindr** — Interactive Code Editor

April 2022 – May 2022

- Allows for interactive coding interviews with friends while sharing the same code editor.
- Frontend client hosted on Vercel and backend server on Heroku. **(NextJS, Express, Redis, Socketio)**

**Astral Farm** — DeFi

Dec 2021 – April 2022

- Hosted DeFi projects on Fantom and Cronos network, with an accumulated TVL of 2 million.
- Developed smart contracts using Solidity and successfully deployed them onto the Fantom network and integration with ReactJS framework.

## CO-CURRICULAR ACTIVITIES

**Hackathon Finalist, Citi HackOverflow 2022**

Aug 2022 – Aug 2022

- Finished as top 5 finalists out of 24 teams and was awarded most Outstanding Presentation.

**Senior Student Developer, Raffles Hall DEVS**

Aug 2020 – Jan 2022

- Directed key backend implementation for RHAPP project feature, leading to successful launch at the end of summer vacation 2021
- Led a team of 3 junior student software developers in an inter-hall hackathon, successfully displaying innovative solutions and technical capabilities.