

LIM SHAO KIAT

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EDUCATION

National University of Singapore
Bachelor of Computing in Computer Science

- 2nd 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, Pypeteer, 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.