LIM SHAO KIAT

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EDUCATION

National University of Singapore   **Aug 2019 – Present**
Bachelor of Computing in Computer Science   *(Graduating May 2023)*
- 2nd Class (Upper) Honours

TECHNICAL SKILLS

- **Programming:** JavaScript, Python, Java, SQL, NoSQL
- **Frontend:** ReactJS, NextJS, TailwindCSS, HTML
- **Backend:** NodeJS, Python, MongoDB, PostgresSQL
- **Others:** GraphQL, Machine Learning, Solidity, AWS

WORK EXPERIENCE

Software Engineer Intern, Nested Technologies, Singapore   **May 2022 – Present**
- Advised and implemented suitable AWS hosting services with proper cost analysis, successfully reduced hosting cost by 30%.
- Handled deployment of web applications on ECS and EKS to ensure scalability with zero downtime of applications, with appropriate CI/CD.

Software Engineer, Contranect, Singapore   **Dec 2021 – May 2022**
- Implemented real-time chat system from ground up, which is a critical part of the main product, using Apollo GraphQL and ReactJS.
- Handling deployment, continuous integration, and continuous delivery for the web application using amazon web services, boosting development speed.

Data Science Intern, Micron Semiconductor Asia, Singapore   **May 2021 - Jul 2021**
- Aided in increasing the yield of wafer production to 86% using Machine Learning and Gaussian Principles, reducing cost of production by an exponential amount.
- Developed a data science web application by integrating existing algorithms into usable interface which resulted in >50% of engineers having access to it.
- Conducted non-linear regression models to map the correction offset of manufacturing defects in the wafers, with the intention of raising production yield.

PROJECT EXPERIENCE

Blockchain Developer, DeFi   **Dec 2021 – April 2022**
- Hosted DeFi projects on various crypto chains such as 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 React framework.

Hackathon Participant, Road to Web3   **Jan 2022 – Jan 2022**
- Participated in web3 hackathon powered by Polygon, and developed a DAO for charity purposes.

CO-CURRICULAR ACTIVITIES

Senior Student Developer, Raffles Hall DEVS   **Aug 2020 – Jan 2022**
- Directed key backend implementation for RHAPP project, 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.