

NG JING XUE

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EDUCATION

National University of Singapore (NUS)
Bachelor of Computing (Computer Science)

Aug 2021 - Present

- Current Year: Year 4
- Current CGPA: 4.66/5.00 (as of Year 3 Semester 2)

TECHNICAL SKILLS

- Programming Languages: Java, Python, Javascript, C, SQL
- Software Libraries/Frameworks: React, Next.js
- Miscellaneous: Git, Tailwind

WORK EXPERIENCE

Software Engineer Intern, Nas Company

Jun 2024 - Present

- Implemented core frontend features for Nas.io, a community building platform, using Next.js to significantly enhance user experience.
- Integrated PostHog with Next.js to systematically collect and analyze web performance metrics, including network performance and core web vitals, delivering key insights for improving SEO.

Software Developer Intern, Aastar Trading Pte Ltd

May 2023 - Nov 2023

- Automated business processes such as compiling and generating accounting reports, enhancing operational efficiency and minimizing human error.
- Streamlined critical business procedures by introducing Quality-of-Life features to the company's business portal in React and C# as well as ad-hoc bug fixes.
- Successfully migrated a vital and complex business procedure from the legacy business portal to the new one, resulting in remarkable performance boosts and significantly reducing manual labour.

PROJECTS

Photoasis (Personal Project)

Nov 2023 - Present

- Developed an online photo gallery platform with Next.js allowing photographers to upload photos alongside EXIF data.

Odo.t (Personal Project)

Aug 2022 - Dec 2022

- Created an online Todo-list capable of automatically adding new tasks to the list based on a pre-set time interval with Typescript and Firebase.

TA-Assist (Software Engineering module, CS2103T)

Aug 2022 - Nov 2022

- Developed a GUI with Java which helps Teaching Assistants in NUS keep track of students' grades, attendance, and work submission using CLI commands.
- Created Unit and Integration Tests with JUnit, achieving more than 70% test coverage.

Frenergy (NUS Orbital, CP2106)

May 2022 - Aug 2022

- Developed an online forum for NUS students using React and Firebase, facilitating online discussions and group formation.
- Completed the "Apollo 11" Level of Achievement (Advanced level).

ADDITIONAL INFORMATION

- Fluent in English and Mandarin (both spoken and written).