NG JING XUE

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EDUCATION

National University of Singapore (NUS)   **Aug 2021 - Present**
Bachelor of Computing (Computer Science)
- Current Year: Year 4
- Current CGPA: 4.66/5.00 (as of Year 3 Semester 2)

TECHNICAL SKILLS

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

WORK EXPERIENCE

Software Engineer Intern, Nas Company   **Jun 2024 – Aug 2024**
- Implemented core frontend features using Next.js to significantly enhance user experience.
- Integrated PostHog with Next.js to collect and analyze web performance metrics, including network performance and core web vitals, delivering key insights for improving SEO.
- Optimised page load time by over 50% by analysing and resolving caching issues with Vercel, and reducing bundle size.

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.
- Migrated a vital and complex business procedure, resulting in remarkable performance boosts and reducing manual labour by more than 60%.

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 to help Teaching Assistants in NUS keep track of students' grades and and work submission using CLI commands while adhering closely to Software Engineering Principles.
- 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).