NG JING XUE

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EDUCATION

National University of Singapore (NUS)   **Aug 2021 - Present**
Bachelor of Computing (Computer Science)
- Current Year: Year 3
- 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, NextJS
- Miscellaneous: Git, Tailwind

WORK EXPERIENCE

Full Stack 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.
- Revamped and enhanced the existing codebase through extensive refactoring, resulting in improved performance and code maintainability.
- 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 NextJS 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.
- Reviewed 37 pull requests and authored 56 GitHub issues to ensure code quality.

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).

EXTRA-CURRICULA AND VOLUNTEER EXPERIENCE

Volunteer, Society for the Prevention of Cruelty to Animals (SPCA)   **Jun 2023 - Present**
- Involved in the cleaning of kennels and feeding of the animals on an Ad-Hoc basis.

ADDITIONAL INFORMATION

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