

Tan Jian Wei

[Github](#) | [LinkedIn](#) | tanjwkeith@gmail.com | Singapore

EDUCATION

| | |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| National University of Singapore Aug. 2020 – Present Expected to graduate in May 2024 | Bachelor of Computing (Honours) in Computer Science <ul style="list-style-type: none">Awarded the NUS Merit Scholarship for outstanding academic and co-curricular achievementsGPA: 4.29 out of 5.00 (Second Upper) |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

WORK EXPERIENCE

| | |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IBM May 2023 – Aug. 2023 <i>Singapore</i> | Technology Engineering Intern <ul style="list-style-type: none">Contributed to the full-stack development of multiple projects for in a cross-functional Agile software development teamImplemented multiple features using ReactJS for various client products with IBM CDSBuilt RESTful APIs using Spring Boot that served data to the frontend of the products |
| GIC May 2022 – Dec. 2022 <i>Singapore</i> | Full-stack Developer Intern <ul style="list-style-type: none">Contributed to the full-stack development of a live-service internal platform used by Portfolio Managers to track the performance of securities and access research notes from different teamsUtilized Redux and RTK Query to manage the store of the application to reduce the number of API calls to the backend and improved property management for various componentsImproved the development and deployment build time of a React application by 40% using SWCDeveloped and designed the Administration Page of a live-service internal platform |
| Kinexcs Dec. 2021 – May 2022 <i>Singapore</i> | Full-stack Developer Intern <ul style="list-style-type: none">Managed backend services using AWS involving the development of RESTful APIs running on EC2 instances using Python Flask and maintained databases on RDS and DynamoDBStandardized the Software Development Life Cycle of a mobile applicationMigrated a Flutter based mobile application to null safetyStreamlined the data transfer process from a Bluetooth device to RDS while ensuring data-integrity |

CO-CURRICULAR ACTIVITIES

| | |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NUS Fintech Society Aug. 2021 – Jul. 2022 <i>Singapore</i> | Web Developer <ul style="list-style-type: none">Worked on the layout of the society's landing page by implementing the designs from the UI teamContributed to the development of the NUS Fintech Month website where users can sign up for the Fintech Month hackathon as well as various workshops organized in-lieu of the event |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

PROJECTS

| | |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NUS Orbital 2021 May 2021 – Aug. 2021 <i>Singapore</i> | Developer (Level of Achievement: Apollo 11, Advanced) <ul style="list-style-type: none">Developed a full-stack Telegram Bot (@OwePay_bot) to split bills within Telegram groups using a fully functional debt and user management system hosted free-of-charge on HerokuUtilized the Telegram Bot API in Python to construct the UIImplemented and executed rigorous testing using Pytest in Python that ensured the product met quality standards between releases |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

VOLUNTEERING EXPERIENCE

| | |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Code from Scratch May 2021 <i>Singapore</i> | Co-Organizer <ul style="list-style-type: none">Organized a 2-day camp for students at Oasis Learning Centre to introduce them to programmingUtilized Scratch, a visual programming language targeting children aged 8-11, to teach the students about the fundamentals to programming as well as general knowledge about technology |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

SKILLS & LANGUAGES

- | | | |
|---------------------------------|----------------------------------|--------------------------|
| • AWS RDS, EC2, DynamoDB | • Python, Dart, Java, C#, C | • English (Native) |
| • Flutter, React, Next.js, .NET | • MSSQL, MySQL, Postgres, SQLite | • Chinese (Intermediate) |
| • Git, Scrum/Agile | • RESTful APIs, Swagger | |