


Jeremy Chua

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




PROFESSIONAL EXPERIENCE

Software Developer Intern <i>PhillipCapital Innovation</i>	Jan 2024 – Jul 2024
<ul style="list-style-type: none">Designed and implemented backend architecture for key projects<ul style="list-style-type: none">Digital assets custodial platform: multi-tenant platform to manage user digital asset walletsDigital assets marketplace: platform for bringing together buyers and sellers of digital assetsLeveraged expertise in decentralised finance products to design and implement customer flows, business rules, and operations, influencing the overall direction of the business and productCollaborated with external vendors to integrate frontend with backendEstablished code standards and best practices across the development teamMentored polytechnic interns in areas such as backend development, smart contract development, and foundational software skills (e.g., version control), contributing to their professional growth	


AWARDS

Brainhack 2024 - 1st Runner Up  <i>Defence Science & Technology Agency</i>
School of Computing Term Project Showcase (STePS) - Gold  <i>National University of Singapore</i>

PROJECTS

Dynamic Dashboard  <i>Python, OpenAI, PostgreSQL, Docker</i>	Oct 2024 – Nov 2024
<ul style="list-style-type: none">Web application that takes user queries about a database and generate data visualisations as a dashboard	
Document Parser  <i>Python, Ollama, PostgreSQL, Docker</i>	Sep 2024 – Oct 2024
<ul style="list-style-type: none">LLM pipeline to parse medical PDFs and store relevant patient information for future access and analysis	
Chat Room Application (Gossip)  <i>HTML, CSS, JS, Go, PostgreSQL</i>	Aug 2024 – Aug 2024
<ul style="list-style-type: none">Web application for users to join rooms and chatVideo: https://youtu.be/axaylEFdIQg 	
Electronic Health Records System <i>Remix, NestJS, MongoDB</i>	Oct 2023 – Nov 2023
<ul style="list-style-type: none">eHR system to support operations at Mae Tao ClinicAchieved 2nd place for <i>NUS STePS</i> 	
Bookmarks Manager (Summar)  <i>React Native, Expo, Go, PostgreSQL</i>	May 2023 – Jun 2023
<ul style="list-style-type: none">Mobile application to manage URLs and summarise them with AIVideo: https://youtu.be/UVBW2gYZ264 	

LEADERSHIP EXPERIENCE

Head of Backend Development  <i>Developer Group @ NUS Computing</i>	Aug 2024 – present
<ul style="list-style-type: none">Lead 7 developers to build a multi-tenant volunteer management systemDesigned backend architecture and database schemasCollaborated with Head of Frontend Development to integrate backend and frontend	

EDUCATION

National University of Singapore, School of Computing <i>Bachelor of Science in Business Analytics</i>	2021 – 2025
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SKILLS

Programming Languages: Javascript, Typescript, Python, Go, Solidity
Software Frameworks: NextJS, React Native, NestJS, ExpressJS, PyTorch
Technologies: NodeJS, PostgreSQL, MySQL, Redis, RabbitMQ, Docker