Francis Low

https://francislow.netlify.com

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE
(Jul 2017 – Jul 2021)
B.Sc. (Hons.) Applied Mathematics
Minor Computer Science

TECHNOLOGIES

PROGRAMMING LANGUAGES
JavaScript | TypeScript | Java

WEB DEVELOPMENT
HTML5 | CSS3 | React | Vue | NestJs | Node | Express | NextJs

MOBILE DEVELOPMENT
React Native | NativeScript Vue

DATABASE
PostgreSQL | MongoDB | Firestore | SQLite | ORMs

CLOUD
AWS | GCP | Docker

CERTIFICATIONS
- AWS Certified Solutions Architect - Associate
- Certified Google Cloud Engineer
- Node with React: Fullstack Web Development

COUSEWORK

UNDERGRADUATE
- Software Engineering
- Database Systems
- Mobile Apps Development for Enterprise
- UI Development

MISC

OTHER INTERESTS
- Freestyle slalom skating
- Cross-platform mobile dev

CONTACT
GitHub: @Francis_GitHub
LinkedIn: @Francis_LinkedIn
Email: francislow123@gmail.com
Tel: +65 98251560

EXPERIENCE

UFINITY PTD LTE | SENIOR SOFTWARE ENGINEER
(Apr 2022 – Present) View Product
- Collaborates with cross-functional teams at **GovTech** to deliver key features for a national support platform, **SupportGoWhere**
- Designed and implemented the **National Budget Calculator** which serves > 2 million users annually, allowing them to check their eligibility for benefits announced during the annual Budget cycle
- Engineered the backend for a **caregiving campaign-driven recommender system**, providing caregivers with personalized online support resources
- Architected and executed a backend migration for **an LLM recommender initiative** and spearheaded a **multi-agent implementation** to enhance the reusability and scalability of existing LLM agents implementations
- Collaborates with team on day to day development work for the CMS, including API integrations, data patching and migrations, as well as resolving sprint tickets.

WEBPUPPIES DIGITAL | FULLSTACK DEVELOPER INTERN
(May 2020 - Aug 2020) View Product
- Spearheaded the development of a mobile app and its CMS web app for **Maxi-Cash Financial Services Corporation Ltd** using *SCRUM methodology*
- Addressed around 15 stakeholders in bi-weekly client showcase on project updates, and to collect feedback on features done in previous sprint
- Contributed to the frontend development of a mobile app project for **Neo Group Limited**

NUS HACK FOR GOOD HACKTHON 2020 | DEVELOPER
(Mar 2020) View Source
- Top 10 finalist out of 28 teams
- Developed a web app using *React* and *Express*, with 3 other members, to make amazon product pages with improved accessibility for persons with disabilities

PROJECTS

ASSEMBLE, LOCAL DATING APP
(Aug 2020 – Feb 2021) View Highlight
- A local app made for Singaporeans, which allows users to form meaningful relationship through daily suggested matches
- Built with technologies such as *NativeScript Vue*, *Express*, *Firebase and AWS services*

EMAILY
View Source
- Web app allows user to mass send survey emails and track recipients' responses
- Log in using *Google OAuth* and pay via *Stripe*
- Built with *React*, *Express*, *MongoDB*, *Node and Redux*

EXTRACURRICULAR

HEAD OF LOGISTICS | NUS SKATING CLUB (2018 - 2019)
- Worked with a cross-functional team to bring NUS Skating events, such as a biannual Skate Clinic event and inter-school skating challenges, to life.

PROGRAMMES DIRECTOR | PHYSICS ORIENTATION CAMP (2018)
- Conceptualize execution and content of activities in accordance with guidelines given by Office of Student Affairs

Last Updated on 31st Dec 2024