

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

CI/CD

GitLab | Bamboo | 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

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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