# FARHAN NAVAS

8742 1628 | [Email](Email) | [LinkedIn](LinkedIn) | [GitHub](GitHub) | [Portfolio](Portfolio)

## SKILLS

- Languages: JavaScript/TypeScript, Java, Python, C, C++, HTML, CSS
- Technologies: React, Next.js, Postgres, MongoDB, Prisma ORM, TailwindCSS, Firebase, Digital Ocean, Spring Boot, Flask, NextAuth, tRPC, Tanstack Query

## WORK EXPERIENCE

**Optimum Solutions** *Java Backend Developer*                              [Jun 2024 – Sep 2024]
- Worked on fixing bugs on internal REST APIs in **Java Spring Boot** applications, with a **React** frontend.
- Communicate with **PostgreSQL** DBs using complex **SQL** queries and **Spring Data JPA**.

**WorldQuant** *Research Consultant*                              [Dec 2023 – Jun 2024]
- WorldQuant Brain X NUS Alphathon – Top 15
- Involved in generation and back testing of alphas in **Python** for use with the **WorldQuant BRAIN API**. Guided by and learnt from industry experts in the field of quantitative finance and data analysis.

**Sirius Star Marketing** *Sales Associate*                              [Feb 2023 – Jun 2023]
- Conducted analysis of consumer behavior to tailor effective marketing strategies
- Enhance brand awareness through face-to-face marketing and telemarketing, on behalf of StarHub & Lazada. Team increase in merchant acquisition by 20% over 4 months.

**Fredrik Marine IT Services** *Field Technician*                              [Sep 2020 – Apr 2021]
- Contributed to boosting SEO and affiliate marketing for sister company, WetDesigns. Managed 2 front-end design campaigns and market research with **HTML**, **CSS**, **Figma**, **YouTube**.
- Performed IT work aboard vessels Al-Aamriya & CNC Jupiter. Personally executed a Systems Migration onboard the Ovation of the Seas (Royal Carribean Cruise Ship)

## EDUCATION

**National University of Singapore** | Singapore                              [Aug 2023 – Apr 2027]
*Bachelor of Computing, Computer Science*
- NUS Fintech Society – Full-Stack Software Engineer
- RH Developers – Backend Head
- RH Ultimate Frisbee – Captain

## PROJECTS

**Wally AI**
https://wally-sandy.vercel.app/
- Wally is a relationship wellness chatbot that relates more to Singlish users. Wally is a full-stack app of mine, that is built using Next.js, tRPC, Prisma ORM, NextAuth & more.
- Developed a fine-tuned OpenAI LLM integration that processes text and screenshot inputs to deliver semantically relevant responses based on the chat context.

**OreoMilo, NUS Fintech Summit**
https://github.com/DarkDragoon2002/Fintech-hacka
- Integrate multiple mathematical & LLM models to hedge against Impermanent Loss for Uniswap V3 Liquidity Providers.
- Created a **Python** & **Flask REST API** integrated with LSTM & ARIMA models.