

# FARHAN NAVAS

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

## SKILLS

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- Languages: JavaScript/TypeScript, Java, Python,
- Technologies: ReactJS, NextJS, Postgres, MongoDB, Prisma, TailwindCSS, Firestore, Spring Boot, Flask

## WORK EXPERIENCE

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**Optimum Solutions** *Backend Developer* [Jun 2024 – Sep 2024]

- Worked as a Java Backend Developer intern for Optimum Solutions, working on internal REST APIs using **Java Spring Boot**. 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
- Highest sales of the week – 2 times
- 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 Caribbean Cruise Ship)

## EDUCATION

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**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

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### **RHOC Supper Bidding App**

[rhoc-supper-bidding.vercel.app](https://rhoc-supper-bidding.vercel.app)

- Developed RHOC Supper Bidding Web Application for use in Raffles Hall Orientation Camp. Used **ReactJS** along with **Firestore** for authentication & data storage. Usage by 800 students across Raffles Hall.

### **OreoMilo, NUS Fintech Summit**

<https://github.com/DarkDragoon2002/Fintech-hacka>

- Integrate multiple mathematical & AI models to hedge against Impermanent Loss for Uniswap V3 Liquidity Providers.
- Created a **Python** & **Flask REST API** integrated with LSTM & ARIMA models. Create a functional front-end using **Vite** & **TypeScript**.