

ANEESH MALLICK

HP: +65 9727 5840 Email: aneeshmallick2002@gmail.com

EDUCATION

National University of Singapore

Aug 2023 - Present

Bachelor of Computing in Information Systems

- Major in Information Systems, Minor in Quantitative Finance

VICTORIA JUNIOR COLLEGE

Jan 2019 - Nov 2020

GCE 'A' Level

- Studied Physics, Chemistry, Mathematics, Economics

WORK EXPERIENCE

IT Analyst, National Cancer Centre Singapore, Singapore

Mar 2023 - May 2023

- Applied analytical skills to optimize data storage solutions, contributing to more efficient clinical and research data management.
- Played a key role in migrating and integrating complex healthcare data to upgraded servers, ensuring seamless data transition of over 1 million patient records to a secure, upgraded server, ensuring compliance with healthcare data regulations.
- Streamlined data workflows, improving data accessibility for clinical and research teams, resulting in a 20% increase in data processing efficiency.

National Service, Singapore Armed Forces Commandos, Singapore

Jan 2021 - Nov 2022

- Completed two years of elite military training, developing exceptional discipline, adaptability, and resilience.
- Honed creative problem-solving skills in high-pressure environments, quickly generating solutions to complex challenges. Demonstrated strong work ethic, perseverance, and ability to adapt rapidly to changing conditions.

IR Intern, RHT Holdings, PR/IR Intern

Nov 2018 - Dec 2018

- Conducted targeted online research to identify high-ranking executives across various industries for potential collaboration and reached out to more than 200 companies for business expansion.
- Crafted and sent outreach emails to key decision-makers of over 200 high ranking members of companies, fostering relationships to enhance business opportunities.
- Built and maintained a detailed contact database of fortune 500 companies, ensuring accurate and up-to-date records of executive-level contacts for future outreach and partnerships.

SKILLS

- Web and database technologies: MongoDB, React, Express, Node.js, Firebase
- Programming Languages: Python, Java, SQL, R
- Web Development: HTML, CSS, React, Angular, Node.js
- Database Management: MySQL, MongoDB
- Data Science Techniques: Data Visualization, Linear Regression, Logistic Regression, Time Series Analysis, Database Design and Management, Data Modelling, Data Mining, Hypothesis Testing

PROJECTS

Software Developer, TimeNUS (Orbital project) **May 2024 - Jul 2024**

- Led development of a Full-Stack Calendar and Event Management System, using web-apis.
- Built a Full fledged web application to allow users to collaborate on a shared calendar application to simplify scheduling meetings.
- Handle user authentication, calendar operations, and event management, integrating a React frontend with secure cross-origin resource sharing (CORS) and dynamic credential management.

Software Developer, PersonaPrep **Aug 2024 - Present**

- Co-led development of an AI-powered interview assistant SaaS platform designed to help job seekers prepare for interviews.
- Designed and implemented a full-stack web application utilizing MongoDB, Express, React, and Node.js (MERN stack) to provide AI-generated interview questions tailored to user resumes and job descriptions.
- Developed key backend features, including integration with the OpenAI API for generating customized interview questions, resume parsing using PDF-Parse,

Finalist, CatalystxAI Hackathon **Oct 2023**

- Collaborated on an AI-driven solution addressing UN Sustainable Development Goal 14 - conservation of marine resources.
- Developed an idea for a mobile application utilizing fisheries research surveys, catch data, and stock assessments to inform fish farmers in Asia about sustainable practices.
- The AI model analysed data to set optimal fishing quotas, helping governments and local bodies reduce overfishing and promote sustainable fish farming for long-term food security.

Software Developer, ClearSail (PSA CodeSprint 2024 Hackathon) **Oct 2024**

- Developed a digital platform to boost efficiency and viability of intermodal logistics with Singapore as a central hub.
- Built an AI-driven model using a custom AI wrapper with the OpenAI API, optimizing shipping routes and achieving an estimated 20% reduction in carbon emissions.
- Integrated Google Maps API to visualize real-time shipping routes across 10+ international ports, and utilized OpenWeather API to provide hourly weather updates, enhancing route efficiency and reliability.

CO-CURRICULAR ACTIVITIES

External Relations Member, NUS Technopreneurship Society (StartIt) **Sep 2024 - Present**

- Liaised with startup founders and entrepreneurs to organize talks and secure sponsorships.
- managed partnerships and remained an important point of contact with startups to enhance startup culture and entrepreneurship outreach.

Treasurer, Sports Management Committee (Eusoff Hall) **Jul 2024 - Present**

- Managed funds for over 700 residents for sporting activities in Eusoff hall.
- Liaised with suppliers and overlooked sporting activities efficiently and in an organized manner.