

# Rishabh Alexander John

Developer | AI Enthusiast

[johnrishabhalex@gmail.com](mailto:johnrishabhalex@gmail.com)

Github: /RishJohn14

[rishabhjohn.netlify.app](https://rishabhjohn.netlify.app)

+(65) 9270 8345

## EDUCATION

### Nanyang Technological University, Singapore

Aug '21 – Present

*Bachelor of Science, Computer Science with a second major in Business*

- Strong Academic scores with a current GPA of 4.3
- Working on Final Year Research Project on ChatGPT's LLM and its use to identify vulnerabilities in Smart Contracts
- Active member of Hall Sports who served as hall football captain at IHG. Drummer for JamBand and event planning committee of Indian Society (2021)

### Delhi Public School Singapore

Apr '17 – May '19

## WORK EXPERIENCE

### Belsimpel (Gomibo), Netherlands | *Software Intern*

Feb '24 – July '24

- Member of a student team that developed a web application to manage office inventory and company structure, including teams and employees' assignment
- Wrote SRS documentation and designed robust architecture for the application. Used GitHub for version control and implemented a CI pipeline to ensure maintainable and reliable code
- Designed the frontend with React and the backend using PHP with the Laravel Framework
- Passed 100% of acceptance and validation testing; test users could complete actions in less than 4 clicks

### GlaxoSmithKline (GSK), Singapore | *Digital Tech Intern*

June '23 – Dec '23

- Designed and rolled out the CXLab Playbook, educating global markets on how to streamline user journey creation by developing comprehensive guidelines surrounding its implementation
- Involved in testing and strategic planning around the ATLAS(ML) model's integration into markets to enhance the DDCX for healthcare professionals
- Increased efficiency for Team's Annual Budgeting by co-developing PowerApps for the regional market
- Served as a core planner of the company's first Leadership X Interns Conference 2023 by coordinating and hosting speaker panels with senior executives from GSK

### URECA (Cambridge CARES), NTU | *Research Assistant*

Aug '22 – May '23

- Designed 3 autonomous agents and their respective ontologies, to map public data from GovTech / LTA, including information on schools, carparks, and hawker centers by completing data cleaning and integration into a Knowledge Graph as IRIs
- Awarded NTU President Scholar 2022-23 for my work on this research project

### Singapore Police Force (Central Division) | *Officer-in-Command Red Teaming Unit*

May '20 – Jun '21

- Spearheaded a unit that tested Police Officer's vigilance and situational response by conducting public threat simulations and exercises
- Led and organized the security deployment for monthly Parliament sittings, ensuring smooth proceedings by coordinating across different units to manage team operations
- Served as a core member of the security team for major events including MBSC 2020 and General Election 2020, contributing to the successful execution of these events by planning and managing security measures

## SKILLS & AWARDS

- MERN Stack, HTML, CSS, JavaScript, Java, Python, C, PHP, Laravel
- NTU President Scholar 2022/23
- Best in Operational Fitness Training (Officer Cadet School)
- Centum Scores in Computer Science for ICSE(X) and ISC(XII) Examinations