Bryan Matthew Rustardy

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SUMMARY

I am currently a sophomore pursuing a major in Information Engineering and Media at Nanyang Technological University. I'm a hardworking student and love learning new things especially in the world of web-development.

EDUCATION

Nanyang Technological University   **Singapore**
Bachelor of Information Engineering (GPA 4.71 / 5.00)   *2022 – 2026*

Relevant Courseworks: Introduction to Computing (IE1005), Data Structures and Algorithm (IE2108), Object-Oriented Programming (IM1003), Designing and developing databases (BC2402)

ORGANIZATION

NTU Student's Union Information Technology Subcommittee	*Sept 2023*
Student Development Subcommittee Member	*Sept 2022*
PINTU Operations & Sports Subcommittee Member	*Sept 2022*

SKILLS

Language: JavaScript, Java, Python
Front End: React JS, Redux, Vue, Pinia, HTML & CSS
Back End: Node JS, Express, Sequelize, PostgreSQL

PROJECTS

SortViz   *Oct 2023*
- Created sorting visualizer and implemented four sorting algorithms: bubble sort, quick sort, heap sort and merge sort
- Tech stack: React JS, Tailwind CSS

Movie App   *August 2023*
- Created an immersive IMDB clone, coupled with an admin content management system.
- User client featured user registration, secure authentication, profile management, seamless browsing, watchlist creation and ability to watch movie trailers from youtube.
- Admin client facilitated content moderation, empowering administrators to manage movies and genres effectively.
- Tech stack: React JS, Redux, express, MongoDB

Shoppable   *July 2023*
- Designed and constructed a dynamic fake e-commerce platform, offering users an intuitive shopping experience.
- Incorporated essential features including user authentication, a comprehensive product catalog, a streamlined shopping cart, and efficient order management.
- Integrated Google Maps for address selection and Geolocation for quick checkout
- Implement payment gateway using Midtrans API
- *Tech stack: Vue, pinia, express, PostgreSQL, sequelize*

Sudoku   *April 2023*
- Collaborated on a Java-based pair project, which focused on object-oriented programming.

AWARDS

Deans' List 2022-2023 AY   *2023*
- Achieve top 5% gpa of 2022-2023 cohort