

MUHAMMAD MURSYID BIN ROSLI

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PROFILE

Aspiring software developer with experience in React Native, JavaScript and Java. Passionate about design with knowledge in Human-Computer Interaction and Design Thinking. Proficient in database management, with a background in data engineering pipelines such as Apache Airflow. Took on multiple leadership positions both in NS and education journey.

EXPERIENCE

10:10 Media Productions Pte Ltd, Frontend Developer

April 2024 – July 2024

- Designed and developed a cross-platform mobile app using React Native for resort booking and professional service offerings, enhancing user experience and streamlining resort programs.
- Utilized React Native's reusable components to build a responsive and intuitive user interface, ensuring seamless performance across iOS and Android devices.
- Conducted thorough testing and debugging across multiple devices and platforms, ensuring a stable and reliable app experience for end-users.

Advanced Micro Devices, Product Development Engineer

May 2023 – Nov 2023

- Developed Test Programs for AMD Mobile Ryzen CPUs with internal framework based on Ruby and Origen
- Programmed Python, Groovy and Shell scripts for test program used on Automatic Test Equipment
- Generated various data visualizations and parametric reports for test results with Python Pandas library and Microsoft Excel PivotTables

SKILLS & PROJECTS

Languages: Python, Java, JavaScript, HTML, CSS, SQL, JPQL, Ruby, R

Libraries/Frameworks: FastAPI, React, React Native, Firebase, MongoDB, MySQL

Tools: Git, GitHub, Unix, Visual Studio Code, Tableau, RStudio, Atlassian Jira, Bamboo, Bitbucket

Projects (see [GitHub](#)):

- **GoodFood:** Developed a B2B marketplace connecting distributors with buyers to reduce food waste through innovative gamification and analytics features, using React/TypeScript frontend with Tailwind CSS, Java Spring Boot backend, MySQL database, and AWS S3 storage.

EDUCATION

National University of Singapore

Aug 2021 - Present

Bachelor of Computing in Information Systems

- Relevant Coursework: Data Structures and Algorithms, Enterprise Systems Architecture and Server-side Design, Database Management, Data Engineering
- Awarded NUS Malay Studies General Education Award (2021)
- Member of NUS Team Silat, NUS NPCC, NUS Computing Club

National Junior College

Jan 2013 - Nov 2018

GCE A' Levels, Integrated Program (IP)

- 'A' Level Rank Points: 83.75 (AAB/C)
- Received Edusave Good Progress award (2017)