Jason Ban Tze Tan

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GitHub: https://github.com/Tidbit0519
Portfolio: https://jasonbantzetan.com

SKILLS

- Programming Languages: JavaScript, C#, HTML, CSS, Python, SQL, Java, PHP
- Technologies: React, Node.js, ASP.NET Core, AWS, Docker, Unity
- Databases: MySQL, MongoDB, Oracle
- Languages: Mandarin (Native), English (Professional), Malay (Advanced)

EXPERIENCE

Software Engineer   May 2022 - Current
EIS Department, Brigham Young University – Hawaii   Laie, Hawaii

- Developed a real-time dashboard using React, ASP .NET Core, and MYSQL to monitor external services with high data accuracy and minimum latency.
- Developed a web API using ASP.NET Core and MYSQL to automate the management test records of 3000 users and reduce manual processing time by 95%.
- Integrated SAML Single Sign-On with Quicklaunch IdP to replace cookie-based authentication to enhance web app security.

Web Developer Intern   Jun 2023 – Sep 2023
FamilySearch   Lehi, Utah

- Developed a React-based transliterator prototype for an ancient Filipino script, Baybayin.
- Developed a prototype for dynamic rendering of PDF documents within web pages using react-pdf and the Adobe PDF Embed API.
- Adhered to DevOps best practice and achieved 100% code coverage in unit testing.
- Collaborated with UX/UI designers to implement culturally influenced widgets and page to increase outreach of target audiences.

Web Developer Intern   Jan 2022 - Apr 2022
Integrated Micro-Electronics, Inc. (IMI)   Laie, Hawaii

- Developed a prototype CRUD web application using XAMP stack to automate the auditing of employees' training record.
- Pioneered an international internship collaboration between IMI and BYUH and achieving a 100% deliverable rate despite 17-hour time zone difference.

EDUCATION

Brigham Young University - Hawaii   Dec 2024
Bachelor of Science: Computer Science   Laie, Hawaii

- CGPA 3.99
- Dean's list – University Honor Roll
- Empower Your Dreams 2024 Semi-Finalist
- Relevant Coursework: Web Applications Development, System Engineering, Algorithms and Data Structure, Database Management System, Object-Oriented Programming, Discrete Mathematics, Game Development, Computer Networking, Computer Organization, Computational Theory, Operating Systems Design