

Putera Daniel Baker

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PROFILE

Information Technology student with experience in web development, cloud technologies, and analytics. Possesses a strong passion for continuous learning, self-improvement, and innovation, with an interest in exploring technical skills across different environments and projects. Eager to push boundaries and contribute to impactful, progressive solutions.

SKILLS

Web Development: HTML5 · CSS3 · JavaScript · React · Node.js · Express

Database Management & Analytics: Microsoft SQL · Data visualization · PowerBI

Cloud Computing: Cloud Computing (AWS) · Cloud Architecture and Design (AWS)

Soft Skills: Collaborative · Adaptable · Proactive

EDUCATION

Ngee Ann Polytechnic (NP)

Apr 2023 - Present

Diploma in Information Technology

- Member, Overflow (School of ICT, Special Interest Group)
 - Involved in ICT related community service and workshops.
- Member, Song Composing Club (Amplify)
 - Represented Amplify at external and internal performances.
 - Notable performances: TEDxYouth · Arts Series (NP)

Fuhua Secondary School (FHSS)

Jan 2018 - Oct 2022

GCE O-Level

- Senior Prefect, Fuhua Secondary Prefectorial Board
 - Vice Captain, Fuhua Secondary 'B' Division Tchoukball Team (Men's)
 - Outstanding Co-Curricular Contribution Award 2022
 - 14th National Inter-School Tchoukball Championships 2022 - 4th
 - Fuhua Excellence Award 2019 (Subjects) - History
 - Fuhua Excellence Award 2019 (Class)
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PROJECTS

INFLATION ATLAS

- Developed an interactive website to educate users on inflation using scripting and markup languages.
- Experimented with integrating real-time data from APIs to provide users with up-to-date inflation information from across the globe.

PDBAKER (Personal Website)

- Developed and deployed a personal website to showcase my portfolio.
- Honing web development skills through experimentation using React.js, a self-taught framework.

City-Tycoon Console Game

- Developed a console City-Building game using Python programming language.
- Game features a resource management system that challenge users to allocate and balance credit spending to maximize their City's score.

SEAwareness

- Developed a full-stack web application that uses CRUD operations and Model-View-Controller (MVC)
- Application educates users on the current matters in South-East Asia with regards to climate change, technological advancements, and education.
- Application utilizes API to fetch real-time news articles on these topics, a feature that creates news articles, and a blog post section for discussion.