DARREL TAPILAHA

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Skills

Languages: Java, JavaScript, C, Python, Kotlin

Databases & Cloud: MySQL, NoSQL, Firebase, AWS (EC2, DynamoDB, S3, EFS, Cognito)

Workflow: Git, Agile development

Frameworks & Tools: Node.js, Express, React, Vue, HTML/CSS

Projects

Drivia Quiz | Individual Project   July 2025
- Built a trivia quiz mobile app using Kotlin and Jetpack Compose
- Integrated Open Trivia DB (3rd-party API) for dynamic quiz content
- Link: Drivia Quiz mobile app

Stocky AI | *COMP 3800 Industry Sponsored Project*   May 2025
- Collaborated in a team of 5, delivering features across five 1-week sprints with regular sponsor reviews.
- Developed a POS-integrator using FastAPI to connect with Clover and Square APIs, storing data in a Docker-hosted environment

Relocash | *COMP 3962 project term 3*   Jan 2025 - Mar 2025
- A web-based marketplace to sell/buy items, built in a group of 3
- Implemented backend routing + AWS (EC2, DynamoDB, S3, EFS, Cognito) + JavaScript
- Link: Relocash web app

Bin-ary | *Project term 1*   May 2025
- Pocket trash-type identifier, built in a group of 5
- Integrated map API + backend routing with Node/Express
- Link: Bin-ary web app

Assets Club | *Project term 1*   Jan 2024 - Apr 2024
- Digital portfolio to track/manage financial assets, team of 3
- Integrated finance APIs + Firebase for backend/frontend + Node.js
- Link: Assets club web app

BC Destinations | *Hacktiv8 Indonesia phase 2 project*   August 2023
- Balinese travel itinerary web app
- Designed + scripted both backend and frontend using Vue.js + Firebase
- Link: a Balinese Travel itinerary web App

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Education

Computer Systems Technology Diploma | BCIT   Graduating Dec. 2025

- Gained proficiency in Java, JavaScript, Python, Kotlin, and C programming
- Hands-on experience with AWS services for cloud deployment and integration
- Strengthened team collaboration and technical communication through group projects

Computer Science Associate Degree (Partial) | Columbia College, Vancouver   Jan - Dec 2023

- Completed foundational coursework in Computer Science, Math, Chemistry, English, and Economics

Programming Bootcamp | Hacktiv8 Indonesia   Class of 2021

- Completed a 4-month intensive Full-stack JavaScript program
- Developed teamwork and leadership skills through collaborative projects

Airplane Pilot Training | Delta Qualiflight Aviation   Class of 2019

- Earned Commercial Pilot License with Instrument Rating

Experience

Part-time Crew Member | **McDonald's**   Jun 2023 - Mar 2024

- Worked in a fast-paced team environment, building strong teamwork and efficiency skills

Operational Manager & Co - owner | Makoe Bali   Jun 2022 - May 2023

- Co-founded and managed an Indonesian restaurant, leading daily operations and staff coordination

Front-end Developer | DisCas vision   Sep 2021 - Feb 2022

- Built the front-end interface for a cryptocurrency platform

Production Manager | DSGN signworks   Jun 2020 - May 2021

- Oversaw production scheduling and quality control to ensure timely client project delivery