Dimas Putra Anugerah

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EDUCATION

University of New South Wales *Sep 2023 – Nov 2024 (Expected)*
Masters of Information Technology

University of Adelaide *2020 – 2023*
Bachelor of Computer Science, GPA: 6.435/7
Awards: University of Adelaide Global Citizens Scholarship, 2022 Golden Key International Honour Society member

INDUSTRY EXPERIENCE

Software Developer Intern – Equnix Business Solutions | *Go, PostgreSQL, Linux, R* *Dec 2022 – Feb 2023*
- Assisted senior engineers in optimizing a client's PostgreSQL database by creating a comprehensive technical report detailing over 9 optimization strategies, contributing to the on-time completion of a tightly scheduled project
- Rigorously tested a Go Local Area Network (LAN) device synchronization program, resolving 3 critical file transfer and master-slave synchronization bugs, and ensuring smooth production rollout
- Analyzed months of database storage size data and applied linear regression to forecast its growth over the next 5 years

Data Science Intern – Mandalika Grand Prix Association | *Python, MongoDB* *Jan 2021 – Feb 2021*
- Engineered a program processing 400+ event-related tweets and performing statistical, sentiment, and topic analysis, utilizing machine learning libraries, Scikit-learn, Pandas, NLTK, Twitter API, and MongoDB
- Increased understanding of event public perception by presenting weekly findings and visualizations to the IT head

EXTRA-CURRICULARS

Project Director - UNSW Software Development Society *Dec 2023 – Present*
- Led a team of 7 to develop an open-source UNSW course review website utilizing Typescript, React (Next.js) frontend, Express with PostgreSQL backend, Prisma ORM, Redis, and Docker
- Deployed major features, including dark mode, course filter button, Plausible analytics, and SEO optimizations
- Ensured project delivery through effective leadership in weekly meetings, detailed planning, and codebase documentation, using Confluence and GitHub Projects

Frontend Developer - Indonesian Students Association of Australia *Jan 2023 – Dec 2023*
- Migrated codebase from CSS to Tailwind, enhancing page responsiveness using Flex, and revamped the homepage to deliver a more dynamic user experience using React and Javascript

International Collegiate Programming Contest (ICPC) South Pacific Divisional Finals Level B *Sept 2022*
- Placed 1st in South Australia, 10th / 50 Teams across the APAC region (C++, Competitive Programming)

PROJECTS

Business Process for SMEs utilizing E-Invoice APIs *Jun 2024 – Aug 2024*
- Designed and built APIs and UI for SMEs to convert PDF and JSON invoices to UBL XML format, validate schemas and content against predefined rules, and send invoices via email using Google Client API (Python, Flask, PostgreSQL, XML)

Outdoor Biking Time Prediction *Aug 2022 – Oct 2022*
- Developed a web app for cyclists to predict outdoor road time trials, supporting GPX file input, track visualization via Google Maps API, and data extraction for time prediction algorithms (React, Javascript, Node.js, Git)

PROGRAMMING LANGUAGES & TECHNOLOGIES

Proficient: C++, Python, Go, Javascript
Familiar: Typescript, C, R, React, Bash, Rust, GPT, PostgreSQL, Git, Linux, MongoDB, Docker, Next.js, Express, CI/CD