RONALD KWAN

| ronaldkwan93@gmail.com | Linkedin | Github | Portfolio |

Dynamic full stack software developer specializing in **system integration**. Proficient in programming languages, passionate about creating seamless digital ecosystems and experienced in optimizing system functionality.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS
Frameworks/Environments: Flask, MongoDB, Express.js, React.js, Node.js, PostgreSQL
Developer Tools: Git, Visual Studio Code, Linux (WSL2), Postman/Insomnia (API)

PROJECTS

Funds API | *Flask (Python), Postman, CRUD* — Feb. 2024 – Present
- REST API developed using Flask, utilising JSON Web Token for authentication
- Created DRY code for all endpoints, thorough testing with Postman API platform

OnePWD Manager | *Python, Git, Terminal* — Dec. 2023 – Present
- Crafted Python terminal application for an enhanced digital security experience with installation instructions
- Features: Login Authentication, Password Manager(View, Add, Delete and Generate Passwords), Security Report
- Developed thorough documentation (README) for each feature, including command syntax, options and examples
- Formulated 2 week sprint project on Trello and increased productivity by 20 percent
- Created quick 10 minute **Demo** on Youtube, presenting all features and possible improvements

Local Business Webpage | *HTML, CSS, WIX, Wordpress* — May. 2020 – Present
- Succeeded the revamp of STM studio supplies' webpage within 1 month
- Maintained all code and products using website builder tools (WIX and Wordpress) daily

EDUCATION

Coder Academy — Sydney, AU
Full stack Web Developer Bootcamp: Higher Diploma of Information Technology — *Oct. 2023 – 2024 July*

University of Technology Sydney — Sydney, AU
Bachelor of Management, Major: Tourism Management — *Mar. 2017 – Dec 2019*

EXPERIENCE

Full-stack Developer Student — Oct. 2023 – Present
Coder Academy - deep dive learning into Front/Backend Web Development — *Sydney, AU/Remote*
- Developing multiple full stack web applications using Python(flask) and MERN
- Demonstrated mastery in employing exemplary version control practices: Github
- Harnessed APIs to streamline application development and amplify functionality with tools like Postman and Insomnia

Technical Support/Financial Partnerships Engineer — Feb. 2021 – Present
AFES - led maintenance and development projects for AFES' donation portal with senior developers — *Sydney, AU*
- Communicate with teams to ensure monthly financial balances occur
- Assess and troubleshoot donation portal issues presented by staff, students and donors (Developer's API)
- Leads development plans for internal software program (FileMaker Pro) used by office staff.

Web Developer/Digital Marketer — May 2020 – Dec. 2020
STM Studios - led the revamp of STM's dynamic E-commerce website (Wordpress, WIX) — *Sydney, AU*
- Self led project- development and deployment of STM studio home page revamp
- Managed all social media accounts and postings (Facebook, Instagram Linkedin, Youtube)
- Contributed to internal systems, providing great feedback and improvements

CERTIFICATES

Datacom Software Development Job Simulation on Forage | Dec. 2023
* Completed a simulation focussed on how the software development team at Datacom approaches their work
* Reviewed a web application and planned for future improvements
* Identified the root cause of bugs and implemented a fix to improve the application