THOMAS MARTIN.

Junior Full Stack Developer

Recent graduate of a Full-Stack Web Development Intensive Boot-camp with a high distinction average. Recognised for a keen eye for detail, strong communication skills, creativity, and logical problem-solving abilities. I am dedicated to continuous learning and am deeply fascinated by advancements in AI and machine learning. Driven by a passion for leveraging technology to enhance society and sustainability, I'm eager to contribute to innovative projects in the evolving tech industry.

Contact

- 0430300692
- thomas.h.martin89@gmail.com
- LinkedIn
- Portfolio
- GitHub

Key Skills:

- Problem Solving
- Communication
- Self-Motivated
- Quick Learner
- Enthusiastic
- Leadership

Languages:
- JavaScript
- Python
- HTML
- CSS

Frameworks:
- Express
- Node.js
- React
- Flask

Databases:
- PostgreSQL
- MongoDB

Cloud:
- AWS Cloud

Tools:
- Adobe Suite
- Git / GitHub
- VS Code
- Figma

Education:

- **Full-Stack Web Development Bootcamp**
  Coder Academy, Sydney | 2024

- **Higher Education Diploma in Information Technology**
  Academy of Interactive Technology, Sydney | 2024

  Diploma in Visual Design & Communication Adelaide College of The Arts, Adelaide | 2023 – present

- **Graphic Design Foundations Boot-camp**
  The Graphic Design School, Sydney | 2022

- **Bachelor of Management (Marketing)**
  University of South Australia, Adelaide | 2021

Experience:

Music Production and Live Performance | Self Employed
- Solving complex challenges through precision, iterative testing, and innovation.
- Project management, collaborative communication, and cross-functional teamwork with stakeholders.
- Self-marketing, continuous learning of new technologies, and adapting workflows to meet high-quality standards.
- Self-motivation and management.

Hospitality Manager | The Grace Darling Hotel, Collingwood
- Communication, task prioritisation, and problem-solving under pressure.
- Delegation, conflict resolution, and data management, with proven ability to adapt to dynamic environments and optimise processes.

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Projects:

Events & Ticketing RESTful API
- Developed a RESTful API using **Python**, **Flask**, **SQLAlchemy**, and **PostgreSQL**, implementing robust database relationships and data integrity principles.
- Implemented secure user authentication and authorization using JWT and bcrypt for password hashing.
- Designed and normalised an ERD, establishing efficient relationships to minimise redundancy and support multi-user posts, comments, likes, and events.
- Utilised "zero to many" and "one and only one" relationships, allowing users to create multiple posts, events, and invoices, each related via unique entities.
- Applied "cascade delete" for automatic cleanup of dependent data, ensuring database integrity and reducing orphaned records.
- Integrated error-handling logic to manage potential invalid inputs and enhance user feedback.
- Built comprehensive API endpoints supporting CRUD operations for posts, events, and invoices, secured by JWT for authorised access only.

Social Media Blogging Full-Stack Application
- Developed a full-stack application with **Node.js**, **Express**, MongoDB backend, and a **React** frontend with Context API for state management and React Router for navigation.
- Implemented secure user authentication and session management using JWT and cookies for protected access and persistent sessions.
- Designed and developed unique user profiles, allowing users to post content, view personalised feeds, and manage a curated following list with follow/unfollow features.
- Built a dynamic feed displaying posts from followed users and recent updates, complete with real-time follower and following counts.
- Enabled real-time updates for posts, comments, follower counts, and follow statuses through Context-based data management, ensuring an interactive experience without page refreshes.
- Developed CRUD operations for posts, including the ability to comment, edit, and delete, enhancing user engagement.

For further projects, please visit my **GitHub** profile.