ANDREA ESPITIA

0406 816 479 | andycaro1711@hotmail.com | Melbourne
linkedin.com/in/andrea-espitia-c/ | andrea-espitia.netlify.app

PROFESSIONAL SUMMARY

Computer Science professional with a passion for developing innovative software applications. Proficient in front-end and back-end technologies including JavaScript, HTML, CSS, Node.js, Python, Java. Proven skills in developing efficient and user-friendly web and mobile applications as well as designing databases and troubleshooting software. Looking for a position to leverage my technical skills providing creative and scalable solutions while learning from experienced professionals.

SKILLS

- Solid understanding of front end, back end and database technologies with the ability to learn new software technologies quickly.
- Excellent problem-solving skills resulting in good troubleshooting and logical reasoning.
- Strong time management skills and ability to work in teams in a high-pressure environment.
- Self-motivated with a high level of initiative and strong work ethic.

TECH STACK

Web Technologies: HTML, CSS, JavaScript, React, Vue.js

Back-end technologies: Node.js, Java, Python, PHP

Database Management: MySQL, MongoDB

Project management: Jira, Git, GitHub.

Other: Flutter, AWS, Jenkins, REST APIs

EDUCATION

Bachelor of Computer Science   *03/2021 - 12/2023*
Swinburne University of Technology

PROJECTS

Book store – Full-stack Application   *05/2024 - 06/2024*
https://bookstore-mern-app-three.vercel.app
Key Achievements:
- Designed and integrated RESTful API for CRUD Operations enabling seamless management of books list
- Designed the database schema for efficient data storage and retrieval by using mongoose models

- Implemented comments functionality allowing user to add and view comments on books
- Deployed on Vercel for seamless, continues and scalable hosting

Key skills:
- Built using MERN stack (MongoDB, Express, React, Node.js).

Venue Booking website – Web Application   *10/2023 - 11/2023*
https://venue-page.netlify.app/

Key Achievements:
- Improved encapsulation and code reusability using Vue components
- Implemented custom filter options allowing user to shortlist venues based on their availability, guest capacity, name or location
- Enhanced user interface experience using Vue JS framework for interactivity and dynamic content

Key Skills:
- Built with JavaScript, HTML, CSS, Bootstrap, Vue JS and PHP

Diabetes Management mobile application   *03/2023 - 10/2023*
https://github.com/DigitalInnovationLab/MENTORd v2

Key Achievements:
- Updated cross platform mobile application to the latest Flutter SDK to be deployed on iOS and Android
- Implemented reminders feature to increase user commitment with diabetes habits
- Improved data visualization by including progress diagrams ensuring better user interface experience

Key Skills:
- Developed using Flutter (Dart), Node JS, MySQL
- Use of data structures and MVVM design pattern
- Collaborated with team members using version control (Git) and project management tools

ACHIEVEMENTS

- Built web and mobile applications applying industry best practices to efficiently meet user requirements
- Implemented software features that increased user engagement, application's performance and code reusability
- Collaborated within teams to develop, debug and upgrade software applications ensuring successful delivery of projects

REFERENCES

Available on request