Matthew Clarke

Callaghan | matthewkclarke10@gmail.com | 0402 613 767

https://matthew-clarke10.github.io/portfolio/

SOFTWARE ENGINEER | WEB DEVELOPER

Software Engineer specialising in full-stack web development to create robust, user-friendly, and secure web applications. Proficient in web technologies such as HTML, CSS and Tailwind CSS, JavaScript and TypeScript, React, NextJS, and NodeJS, programming languages such as Python, Java, and C#, and modern technologies such as GitHub, AWS, and Docker.

Education

Bachelor of Software Engineering (Honours)

University of Newcastle (2021 – now) – expected to complete November 2024, GPA 5.9

HSC Certificate

Whitebridge High School (2015 – 2020)

Represented my school on the top board of the chess team.

Relevant Experience

Software Engineering Work Placement

University of Newcastle | March 2024 - now

(Approximately 10 hours per week in semester 1 and 20 hours per week in semester 2)

- Supervised and managed a real-world project's development.
- Planned the project using a Gantt chart and kept track of progress using Jira.
- Designed the project using UML diagrams and maintained documentation using Confluence.
- Used the agile development methodology to streamline development and finish an initial prototype using HTML, CSS, JavaScript, NodeJS, and PostgreSQL.
- Integrated the application with third-party tools such as Canvas LMS and Google Wallet.
- Refactored the code to use React and AWS services through LocalStack.

Other Experience

Team Member - Customer Service

KFC Warners Bay | January 2021 – September 2021

(Approximately 10 hours per week casually)

Prepared and cooked food in the kitchen, and performed routine cleaning.

 Communicate with other team members to meet deadlines during busy hours and prioritise orders.

Projects

Third Year Project

University of Newcastle (2023)

- Worked in a team of six to develop and test a full-stack web application.
- Utilised modern technologies such as React, NextJS, NodeJS, and PostgreSQL.
- Managed the code in GitHub with multiple branches, and faciliated project management and task division using Azure DevOps.

ChessPuzzler Personal Project

- Created a web application that allows users to solve chess puzzles.
- Used technologies like HTML, Tailwind CSS, JavaScript, and React.

Certifications

Responsive Web Design, freeCodeCamp | September 2023.

Interests

- Playing and studying chess.
- · Tennis and rock climbing.

Referees

Mr. Josh Flynn Solutions Developer University of Newcastle

M: 0249 215 605

E: josh.flynn@newcastle.edu.au

Mr. Cameron Wells Head Teacher of Mathematics Whitebridge High School

M: 0407 985 725

E: cameron.wells2@det.nsw.edu.au