

Allison Grasso

Software Engineer | Full Stack Developer

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Melbourne-based Software Engineer skilled in full-stack technologies. Experienced in working independently and in teams to produce high quality results as effectively as possible. I have a strong passion for programming and am eager to bring any potential software ideas to life with effective and innovative tech solutions.

Key Skills

Languages: HTML, CSS, Javascript, Python, Java, C++, SQL, React

Technologies: Express, Node, PostgreSQL, EclipseIDE, Heroku, GitHub

Data Analytics and Visualisation: Tableau, Excel

Transferable Skills: Collaborating in a team, Effective Communication, Critical Thinking

Professional Experience

Software Engineering Graduate

Aug 2024 - Nov 2024

General Assembly, Australia

- Full stack web development course using modern technologies such as Node.js, React, CSS, HTML and SQL
- 400+ hours of coding experience, proactive problem solving, refactoring own and others code
- MVC, naming conventions, reusability, testing & error driven development, agile workflow, wireframing
- Built web forms that collect user data for storage in a database with form validation
- Familiar with front-end libraries such as MUI, bootstrap & lodash
- Integration with third party APIs

Recent Projects

Portfolio Website alligrass.dev

- Implemented the dark mode functionality to enhance user experience with an interactive and intuitive interface
- Configured web hosting with a custom domain and deployed using Heroku
- Built using React, HTML, CSS, JavaScript, Heroku

Terminal Emulator

- Full-Stack functional Terminal with various commands to simulate a desktop terminal
- Python backend with Flask to access Java programs, passing results of the code to the frontend
- Built using React, HTML, CSS, TypeScript, Python, Flask, Java

Servo App

- Worked remotely in a team of 5 to create a Full-Stack Application integrating with GoogleMaps API that displays all petrol stations in Australia
- Provided support in reviewing and validating team members code
- Built using ExpressJS, PostgreSQL, HTML, CSS, JavaScript, GoogleMaps API

Education

Diploma of Information Technology

Swinburne University of Technology - Hawthorn, Victoria