MARK FORESTER

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LinkedIn: http://www.linkedin.com/in/mforester93 / Portfolio: https://forester93.github.io/MarkForesterPortfolio| GitHub: http://github.com/Forester93

Full-stack web developer leveraging background in mechanical engineering to provide unique perspectives on how end-users interact with websites and software platforms. Earned a certificate in Full Stack Web Development from the University of Sydney Coding Boot Camp preceded by a full scholarship at Petronas University of Technology. Innovative problem-solver, passionate about developing apps with a focus on mobile-first design and development. Strengths in creativity, teamwork, and building projects from ideation to execution. Exceptional leadership characteristics in day-to-day work and when managing teams.

TECHNICAL SKILLS

Languages: JavaScript ES6+, CSS3, HTML5, SQL, MySQL, NoSQL, Markdown

Applications: GitHub, MongoDB, MySQL

Tools: Express, React, Node, Handlebars, Query, Bootstrap

PROJECTS

Thy Will | https://github.com/Forester93/thy-will | Thy Will Application Link

Summary: A tool to help people draft wills according to the laws of NSW.

- **Role: Project Manager**

- **Tools: NodeJS, ExpressJS, Handlebars, JQuery, MySQL, BootStrap**

Job Genie | https://github.com/Forester93/job-genie | https://forester93.github.io/job-genie

Summary: A website that helps developers look for programming jobs based on a specific location.

- **Role: Project Manager**

- **Tools: HTML, CSS, JavaScript**

Manager's Pal | https://github.com/Forester93/managers-pal | Manager's Pal Video Tutorial

Summary: A tool to manage employees, departments and roles in a database.

- **Role: Sole author / Back end**

- **Tools: NodeJS, MySQL**

<div align="center">**EXPERIENCE**</div>

HVAC PROJECT ENGINEER/ CONTRACTS ADMINISTRATOR

Dynatech Industries

August 2018 – Present

Key Responsibilities

·	Financial handling of the project including choosing, comparing and purchasing from suppliers and subcontractors.

·	Negotiating quotes to increase the profit margin for the company.

·	Reviewing head contracts.

·	Preparing scope of works and subcontract agreements for the subcontractors.

·	Preparing claim/ cost-to-completion forecasts in line with the construction programme.

·	Managing correspondence with the client/subcontractors.

Key Projects:

·	Award-till-handover work on ~$9.5 Million Commercial Chilled Water HVAC Project

·	The current handling of 3 smaller projects (total value ~$5 Million) contractually and managing project procurement.

HVAC Design and CFD CONSULTANT

AC Goulding, Cheltenham, VIC.

Aug 2017 – Aug 2018

Key Responsibilities

·	Conduct CFD Simulations for Standards Compliance Verification of Natural and Mechanical Ventilation Methods Performance in Buildings

·	Research Business Development Opportunities with Other Contractors

<div align="center">**EDUCATION**</div>

Certificate, Full Stack Web Development – The University of Sydney Sydney, NSW

Bachelor of Mechanical Engineering (HONS) – PETRONAS Institute of Technology Malaysia