

# 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

BlogO4 | <https://github.com/Forester93/blog-o-4-not-found> | <https://blog4-notfound.herokuapp.com/>

Summary: A super nerdy techie space for sharing your great ideas with the world.

- Role: Sole Author / Full Stack Developer
- Tools: NodeJS, ExpressJS, Handlebars, JQuery, MySQL, BootStrap

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

## **EXPERIENCE**

### **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

## **EDUCATION**

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

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