



MATTHEW MILLER

SOFTWARE DEVELOPER

Perth, Australia

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Hello! I am a full-stack software engineer with 25 years of experience. Recently, I've built a lot of web front ends using tooling such as Angular, Vue and React. I've used Java throughout most of my career, and more recently have developed an affinity for Typescript.

My skillset includes...

 Typescript
Angular
Vue
React
HTML & CSS
SVG
UI Design

 Java
NodeJS
Python
Docker
AWS

 RDBMS
Neo4J
MongoDB
IndexedDB
Lucene

FIND ME ONLINE

[linkedin.com/in/matthewmillerprofile](https://www.linkedin.com/in/matthewmillerprofile)

stackoverflow.com/users/2431784/miller

github.com/matthew-s-miller

MY CAREER

• **Consultant** | 2022 React Three.js

ShockWave Technologies

Developed a tool for modelling terrain and planning blasts. Implemented in React, using IndexedDB for storage, the systems allows for the input of a site dimensions, drilling topology and materials composition. Showing a 3D model of the plan, using Three.js and React Three Fiber

• **Front End Developer** | 2022 Vue Python

Gaia Resources

Worked on a project to develop a spreadsheet UI used for analysis of Biodiversity data. The User Interface was based around the development of a DataGrid component developed in Vue 3. The DataGrid provided a full suite of rich features, including virtual scrolling, cell selection, drag n drop.

• **Senior/Lead Developer** | 2018-21 Angular Java Neo4J

MyPass Global

Designed and developed front-end, middle-tier and backend software components that together comprised MyPass. I commenced this project when MyPass was at it's infancy, and worked closely with the CEO and key stakeholders to design a Knowledge Based built as a graph database

• **Applications Architect** | 2017 Angular Java

Onyx Services

Developed the web front end to a Gas Trading application using Angular.

• **Consultant** | 2016 Vanilla JS

SmartBeat

Developed the web front end to an analytics platform.

• **Senior/Lead Developer** | 2008-15 AngularJS Java Oracle

Synergy

Developer for numerous projects over a 7 year timeframe. Projects ranged from front-end work, such as Synergy 'MyAccount', to internal projects, such as 'Stars', a bespoke energy trading platform

• **Contractor** | 2007-08 Java

• **Front End Developer** | 2007 Vanilla JS

• **Contractor** | 2005-08 Java

• **Early Career** | 2005 Java

• **Early Career** | 2004 Java

• **Early Career** | 1998-03 Java C++ Oracle

ACADEMIA

• **The University of Western Australia** | 1994-97

Bachelor of Computer and Mathematical Sciences **First Class Honours**

• **Sun Microsystems** | 2007

Sun Certified Java Developer

• **Stamford University (Coursera)** | 2017

Certificate in Machine Learning