MATTHEW MILLER

SOFTWARE DEVELOPER

📍 Perth, Australia

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ABOUT ME

I am a full-stack software engineer with over 20 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 delevoped an affinity for Typescript.

SKILLS

Front End

Typescript	●●●●●
Angular	●●●●●
Vue	●●●●●
React	●●●●○
HTML & CSS	●●●●○
SVG	●●●●○
UI Design	●●●○○

Server Side

Java	●●●●●
NodeJS	●●●●○
Python	●●●○○
Docker	●●○○○
AWS	●●○○○

Database

Neo4J	●●●●●
RDBMS	●●●●○
MongoDB	●●●○○
IndexedDB	●●●○○
Lucene	●●●○○

FIND ME ONLINE

linkedin.com/in/matthewmillerprofile

stackoverflow.com/users/2431784/miller

github.com/matthew-s-miller

MY CAREER

Consultant | 2022 `React`

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`

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`

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++`

EDUCATION & CERTIFICATES

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