

# SOFTWARE DEVELOPER

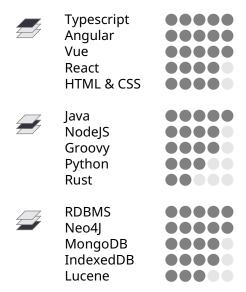
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# **ABOUT ME**

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 recently have developed an affinity with Typescript.

### **SKILLS**



### **ATTAINMENTS**

The University of Western Australia | 1994-97 Bachelor of Computer and Mathematical Sciences First Class Honours

**Sun Microsystems** | 2007 Sun Certified Java Developer

**Stanford University (Coursera)** | 2017 Certificate in Machine Learning

CV source code: github.com/matthew-s-miller See also: stackoverflow.com/users/2431784/miller

### MY CARFFR

**Consultant** | 2022 - current 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 site dimensions, drilling topology and explosive composition. The React based UI shows a realtime 3D model of the site, powered by Three.js

Front End Developer | 2022 Vue Python MongoDB

#### Gaia Resources

A short project to develop a spreadsheet UI used for analysis and classification of species and flora sightings. 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, column resizing, cell selection and drag 'n drop.

Senior/Lead Developer | 2018-21 Angular Java Neo4J

#### MyPass Global

Responsible for all aspects of MyPass' design and architecture. Additionally consulted to clients and managed key integrations. MyPass' architecture was built around the idea of using a graph database to model relationships between Workers and Employers, and the applicatability of Certifications and competency records

**Applications Architect** | 2017 Angular Java Postgresql

## **Onyx Services**

Developed the web front end to a Gas Trading application using Angular. The front end architecure made use of RXJS to provide real-time position projections. This design greatly influenced my approach to front end UIs going forward

Consultant | 2016 | Vanilla JS

## SmartBeat

Developed the web front end to an analytics dashboard.

Senior/Lead Developer | 2008-15 AngularJS Java Oracle

#### Synergy

Developer for numerous projects over a 7 year timeframe. Projects ranged from front-end applications, such as Synergy 'MyAccount', to internal projects such as energy trading systems. Part of my role was to lead development teams of up to 6 personnel, provide mentoring, and overall technical guidance

Java Developer | 2007-08 AOL UK Java

Front End Developer | 2007 Caplin Systems, UK (Vanilla JS)

Java Developer | 2005-08 Reed Elsievier UK Java

Java Developer | 2005 BankWest Java

Java Developer | 2004 eBooks Corporation Java

**Analyst / Programmer** | 1998-03 *ASGARD Wealth Solutions*