SHANE ARTHUR
Software Engineer

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🌐 Toronto, ON, CAN

CAREER SUMMARY

I am a full stack software engineer with over 7 years of experience, and I currently focus on frontend technologies. I graduated from Memorial University of Newfoundland and am currently based out of Toronto, Ontario, Canada. I've got a wide range of work experience within software development, including managing a large ecommerce platform, building apps for several startups, and acting as a software consultant. My experience is not limited to the frontend, as I have also worked as a full stack and backend engineer with proficiency in Javascript, Java, C#, Node, HTML, (CSS/LESS/SASS/SCSS), Angular, React, React Native, cloud technologies and more.

WORK EXPERIENCE

UI Architect
Home Depot Canada
Sept. 2018 - Present
North York, ON, CAN

UI Architect leading a large team of 20+ frontend engineers through The Home Depot Canada's Digital Transformation. Responsible for high level architecture, feature delivery, crisis production defect triaging, mentorship of junior engineers, and more.

Achievements:

- Led the migration of over 75% of Home Depot Canada's ecommerce platform to single page Angular Applications.
- Architected and developed pages responsible for generating up to $10 Million CAD revenue daily as of spring 2020.
- Developed coding and design standards, style guides, boilerplates, shared libraries, component libraries and core modules used organization wide for all UI.
- Increased website conversion by over 25% attributed to performance increases, and better user experiences on redesigned pages.
- Responsible for hiring and onboarding new engineers as the frontend team more than doubled in size.

Technologies used:

`Angular` `Typescript` `Node.js` `Express.js` `RxJs` `Webpack` `HTML/CSS/SCSS` `Google Cloud Platforms` `Kubernetes` `Java` `Jenkins` `Bamboo` `Akamai` `Adobe AEM` `SAP Hybris`

Senior Software Engineer (Contract)
Royal Bank of Canada
Apr. 2018 - Sept 2018
Toronto, ON, CAN

Senior frontend engineer, responsible for creating interactive user interfaces and fixing legacy defects on the Big Data Analytics team within the Royal Bank of Canada's Capital Markets segment.

Achievements

- Created a data-visualization dashboard in Angular capable of consuming and visualizing large unstructured batched data.
- Ran demo and training sessions for navigating and using said dashboard.
- Identified and fixed legacy defects, some of which were in production for over 5 years.

Technologies used:

`Angular` `RxJs` `NgRx` `HTML/SASS` `React` `Redux` `angular.js` `Postgres SQL` `Java` `JQuery`

SKILLS & TOOLS

Frontend

Angular

JavaScript

Node.js

HTML/CSS/SCSS/LESS

React

Cordova, React Native, Nativescript

Backend

Node.js (Hapi.js, express.js)

Java

C# (.NET)

Others

`Google Cloud Platforms` `Firebase` `Bitbucket` `Jira` `Bamboo` `Git` `Docker` `Postgres SQL` `MySQL` `MSSQL` `Jenkins` `PWA` `ASP.NET`

Senior Software Engineer
Nov.2017 - Apr.2018

Home Depot Canada
North York, ON, CAN

Senior / Lead frontend engineer responsible for leading the kick-off of The Home Depot Canada's Digital Transformation from the frontend.

Achievements
- Created the first non-static, responsive UI in the Home Depot Canada's ecommerce platform, resulting in a better start to end shopping experience.
- Architected the first server side rendered implementation of our UI, allowing for social sharing and better SEO.

Technologies used:
Angular · Typescript · RxJs · HTML/CSS/SCSS · Java · Jenkins · Adobe AEM · SAP Hybris · JQuery · JavaServer Pages

Software Consultant
Jun.2017 - Nov.2017

Capco
Toronto, ON, CAN

Acted as a frontend engineer on a test-driven development style web application for one of the big banks. Responsible for architecture, feature development, and test automation. The function was to complete back office/admin tasks for one of their online mobile banking applications.

Technologies used:
Angular · NGRX · Protractor · Typescript · RxJs · HTML/CSS/SCSS · Bamboo · Ionic 3 · Angular Material

Software Consultant
Jan.2016 - Jun.2017

Avande
Toronto, ON, CAN & Greater New York City Area, NY, USA

Placed on two projects at Avande, both as a full stack engineer. One project was a portfolio visualization web application for a large American hedge fund. The other project was an desktop application used by call centre agents to better serve clients with incoming inquiries at one of the big banks in Canada.

Technologies used:
React · HighCharts.js · Alt.js · C# (WPF) · Hapi.js · HTML/LESS · Java (Spring MVC) · Grunt · Xunit/Junit · Angular.js

Software Consultant
Jan.2015 - Jan.2016

NTT Data
Halifax, NS, CAN

Worked as a backend engineer, creating RESTful endpoints for a large American Investment Management Company relating to financial transactions, and back office tasks.

Technologies used:
Java Spring · IBatis · Junit · WS02 Messaging Broker · Maven · Jenkins · Java (Spring MVC)

Web Application Developer
Apr.2013 - Oct.2014

GreenNexxus
Fredericton, NB, CAN

Part of a small team of full stack engineers, creating a SaaS product. The product was a web application that helped companies promote environmentally-friendly actions amongst their employees. Clients included major North American Universities and Financial Institutions.

Technologies used:
C# · ASP.NET Webforms/MVC · HTML/CSS · Javascript (ES5) · JQuery Mobile

EDUCATION

BSc in Computer Science
Memorial University of Newfoundland
2008 - 2012

AWARDS

🏆 **Highest Impact Project**
Team member on the highest impact project in 2016 for Avande as selected by clients and peers.

🏆 **Homer Award(s)**
Received Homer Award in both 2018 and 2019 at Home Depot. This award recognized outstanding work and "going the extra mile" to drive projects to completion.

LANGUAGE

English (Native)

French (Working)

INTERESTS

Live Sports
Running
Weightlifting
Basketball
Cooking
Reading