



SHANE ARTHUR

Software Engineer

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 Toronto, ON, CAN

CAREER SUMMARY

Full stack software engineer with over 7 years in the field, I am focused towards the front end and front end technologies. Software development has taken me across the continent - I graduated from Memorial University of Newfoundland in St John's Newfoundland, and have since lived in various cities across North America. I now reside in Toronto, Ontario which I have called home for the last 4 years. I have experience in both enterprise and startup settings, as well as several years of experience as a consultant. Also I have worked as a full stack, backend, and now a front-end focused engineer with working proficiency in Javascript, Java, C#, Node, HTML, (CSS/LESS/SASS/SCSS), Angular, React, React Native, cloud technologies and more.

WORK EXPERIENCE

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UI Architect

Sept. 2018 - Present

Home Depot Canada
North York, ON, CAN

UI Architect Leading a large team of 20+ front end 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 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 conversation by over 25% attributed to performance increases, and better user experiences on redesigned pages.

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

Apr. 2018 - Sept 2018

Royal Bank of Canada
Toronto, ON, CAN

Senior front end engineer, responsible for creating interactive user interfaces and fixing legacy defects for one of Royal Bank of Canada's Big Data Analytic Teams.

Achievements

- Created a data-visualization dashboard in Angular capable of consuming and visualizing large unstructured batched data.
- Sought after and fixed legacy defects, some of which were plaguaging the organization 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

Bitbucket

Docker

MSSQL

ASP.NET

Firebase

Jira

Postgres SQL

Jenkins

Bamboo

Git

MySQL

PWA



Senior Software Engineer

Nov.2017 - Apr.2018

Home Depot Canada
North York, ON, CAN

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

Achievements

- Created the first non-static, responsive UI in the Home Depot Canada's e-commerce website, resulting in a non-subjectively better end to end shopping experience.
- Created boilerplate / tooling which is now used by over 100 engineers organization wide when creating new pages and micro-components.

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 front end engineer on a test-driven development style project for one of the big banks. I was responsible for architecture, feature development, and test automation. The application function was to complete backoffice/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 throughout my time at Avande, both as a full-stack engineer. One project was a portfolio visualization project for a large American hedgefund. The other project was an application used by call centre agents to help 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 back-end developer, creating RESTful endpoints for a large American Investment Management Company relating to financial transactions, and backoffice tasks.

Technologies used:

- Java Spring
- IBatis
- Junit
- WSO2 Messasing Broker
- Maven
- Jenkins
- Java (Spring MVC)



Web Application Developer

Apr.2013 - Oct.2014

GreenNexus
Fredericton, NB, CAN

Part of a small team of full-stack developers, creating a SAAS product which was a web application to promote organizations to commit environmentally friendly acts. 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