SHANE ARTHUR

Software Engineer

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🌐 Toronto, ON, CAN

CAREER SUMMARY

Full stack software engineer, with a focus towards the front end and front end technologies, I have over 7 years of professional experience in the field. Software development has taken me across the continent, having graduated from the Memorial University of Newfoundland in St John's Newfoundland, I have sinced lived in various cities across North America, and now reside in Toronto, ON 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. I have worked as a full stack, backend, and now a front-end focused engineer, having working proficiency in Javascript, Java, C#, Node, HTML, (CSS/LESS/SASS/SCSS), Angular, React, React Native, cloud technologies and more.

WORK EXPERIENCE

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.
- Architect 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 (Contract)
Apr. 2018 - Sept 2018

Royal Bank Canada
Toronto, ON, CAN

Senior front end engineer, responsible for creating interactive user interfaces and fixing legacy defects for one of Royal Bank 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 have been plaguaging the organization for over 5 years.

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

Technologies used:

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

Senior Software Engineer
Nov.2017 - Apr.2018

Home Depot Canada
North York, ON, CAN

Senior / Lead Front End engineer resonsible for leading the kick-off of The Home Depots 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

Acting 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 applications function was to complete backoffice/admin tasks for one of their mobile online 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 at one of the Big Banks in Canada to help better serve clients with incoming inquiries.

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 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 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**
Was a team memeber on the highest impact project in 2016 for Avande. As selected by clients and peers.

🏆 **Homer Award(s)**
Received Homer Awards in 2018 and 2019 at Home Depot, which recognizes 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