



SHANE ARTHUR

Software Engineer

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shane-arthur.io

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 since 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

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:

- Lead 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, and boilerplates used company wide by now over 200 engineers.
- Increased website conversion by over 25% attributed to performance increases, and better user experiences on redesigned pages.

Technologies used:

Senior Software Engineer (Contract)

Apr. 2018 - Sept 2018

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

Achievements

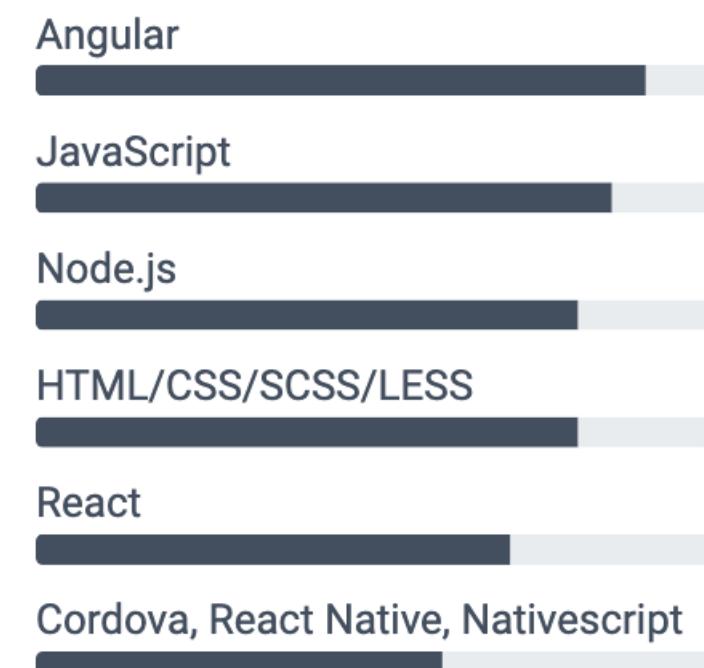
- Created a data-visualization dashboard in Angular capable of consuming and visualizing large unstructured batched data.
- Sought after and fixed legacy defects, some of which have been plaguing the organization for over 5 years.

Home Depot Canada

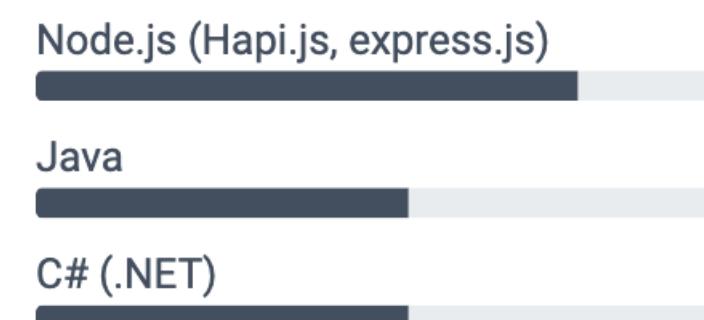
North York, ON, CAN

SKILLS & TOOLS

Frontend



Backend



Others



Technologies used:	Angular RxJs NgRx HTML/SASS React Redux angular.js Postgres SQL Java JQuery
Senior Software Engineer	Home Depot Canada North York, ON, CAN
Nov.2017 - Apr.2018	Senior / Lead Front End engineer responsible for leading the kick-off of The Home Depots Canada's Digital Transformation from the front-end.
Achievements	
	<ul style="list-style-type: none"> 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	Capco Toronto, ON, CAN
Jun.2017 - Nov.2017	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 creation, and test automation. The applications function was to complete backoffice/admin tasks for one of their mobile online banking platforms/applications.
Technologies used:	Angular NGRX Protractor TypeScript RxJs HTML/CSS/SCSS Bamboo Ionic 3 Angular Material
Software Consultant	Avande Toronto, ON, CAN & Greater New York City Area, NY, USA
Jan.2016 - Jun.2017	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	NTT Data Halifax, NS, CAN
Jan.2015 - Jan.2016	Worked as a back-end developer, creating RESTful endpoints for a large American Investment Management Company, related to financial transactions, and backoffice tasks.
Technologies used:	Java Spring IBatis JUnit WSO2 Messaging Broker Maven Jenkins Java (Spring MVC)
Web Application Developer	GreenNexus Fredericton, NB, CAN
Apr.2013 - Oct.2014	Part of a small team of full-stack developers, creating a SAAS product which was a web application to promote organization 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 member 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