



SHANE ARTHUR

Software Engineer

📞 647-292-1334

<https://www.linkedin.com/in/shane-arthur-8b902071>

github.com/shane-arthur

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

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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

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Senior Software Engineer

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 plaguing 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

Bitbucket

Docker

MSSQL

ASP.NET

Firebase

Jira

Postgres SQL

Jenkins

Bamboo

Git

MySQL

PWA

Technologies used:

AngularRxJsNgRxHTML/SASSReactReduxangular.jsPostgres SQLJavaJQuery

Senior Software Engineer

Home Depot Canada

Nov.2017 - Apr.2018

North York, ON, CAN

Senior / Lead Front End engineer responsible 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:

AngularTypeScriptRx.JsHTML/CSS/SCSSJavaJenkinsAdobe AEMSAP HybrisJQueryJavaServer Pages

Software Consultant

Capco

Jun.2017 - Nov.2017

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 online mobile banking applications.

Technologies used:

AngularNGRXProtractorTypeScriptRxJsHTML/CSS/SCSSBambooIonic 3Angular Material

Software Consultant

Avande

Jan.2016 - Jun.2017

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:

ReactHighCharts.jsAlt.jsC# (WPF)Hapi.jsHTML/LESSJava (Spring MVC)GruntXunit/JunitAngular.js

Software Consultant

NTT Data

Jan.2015 - Jan.2016

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 SpringIBatisJUnitWS02 Messasing BrokerMavenJenkinsJava (Spring MVC)

Web Application Developer

GreenNexus

Apr.2013 - Oct.2014

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/MVCHTML/CSSJavascript (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