



ANDREW PHILLIPS

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PROFILE

- Highly skilled Fullstack Developer with 11 years of experience, started working before graduation
- Multimedia designer with career experience working with motion visual content creation
- Hands-on experience with building projects from the ground up
- Experience with rapid deadlines and creative solutions
- Quick learner, wide range of skills and interests within digital
- in-depth experience with database design, SQL, NoSQL, Graph databases
- Hands-on experience leading all stages of project development, scrum management, architecture planning
- hands-on experience with team building and mentoring junior developers

EDUCATION

DURHAM COLLEGE

MULTIMEDIA DESIGN

ADVANCED DIPLOMA

2013

EXPERIENCE

08/2018 - PRESENT
SOFTWARE ENGINEER

ARUP

In my role at Arup's Toronto office, I played a crucial role in establishing a dynamic development team, turning our location into a digital hub for the Americas region within the globally recognized engineering firm headquartered in London. I led the development of a comprehensive platform with multiple feature tools, creating a unified source of truth for engineers and project managers. Alongside project leadership, I selected and guided university interns, fulfilling diverse responsibilities such as high-level design documentation, project scope planning, and contributing to graph database work using Neo4j. This experience allowed me to hone my skills in Angular and React, shaping my expertise in high-level project architecture and hands-on execution with AWS.

02/2017 - 08/2018

CLIENT RELATIONS / FULL STACK DEVELOPER
SO CREATIVE INC.

As a Full Stack Developer at So Creative, I undertook a multifaceted role involving diverse tasks such as creating graphics for print and social media, developing marketing materials, and managing campaigns. I played a key role in building custom online software for efficient inventory record-keeping using a robust LAMP stack with PHP PDO. Simultaneously, I ventured into Android development, collaborating on an indoor GPS app in JAVA, ensuring synchronization with the iOS version. During a slower period, I took on a personal project, developing a comprehensive hamburger documentation application, gaining exposure to cloud computing, web development, and JAVA. Beyond technical responsibilities, I actively engaged in client meetings, contributing to a client-focused approach, and played a vital role in creating internal marketing materials for digital billboard campaigns.

09/2016 - 02/2017

FULL STACK DEVELOPER
BE A PART OF

Assigned dual roles for a company and its sister counterpart, I navigated a challenging journey, transitioning from a PHP-centric environment to exploring web app platforms, notably Ember.js. Focused on extending services for E-Commerce stores linked with BigCommerce, I created scalable web app add-ons resembling plugins and managed databases. Alongside mastering Ember.js, I delved into other frameworks like Angular, Vue, and React to diversify our technology stack. Additionally, I played a key role in scripting PHP solutions for legacy stores, facilitating smooth data migration to the BigCommerce platform. The unique tech landscape deepened my understanding of Ember.js, and comparisons with alternative stacks like Angular enhanced my comprehension of nuanced technology utilization in the industry.

SKILLS

GENERAL

ADOBE CC MAC/LINUX

RESTFUL APIS GIT BASH JAVA

ANDROID STUDIO GOOGLE PLAY

FIREBASE ACTIONSSCRIPT 3 OOP

MVC VIDEO/AUDIO EDITING & VFX

SCRUM AGILE CI/CD

FRONT END

HTML5 CSS3 JAVASCRIPT ES6

TYPESCRIPT JQUERY JSON XML

AJAX WEBGL THREE JS

SERVER SIDE

NEO4J GRAPH DATABASE

MONGO DB POSTGRESQL

PHP (PDO) MYSQL

DATABASE ARCHITECTURE LAMP

CLOUD COMPUTING APACHE

PYTHON

FRAMEWORKS

NODE JS ANGULAR 2+ REACT

WORD PRESS BOOTSTRAP EMBER

VUE AWS AZURE

03/2016 - 08/2016

FULL STACK DEVELOPER

ST.JOSEPH COMMUNICATIONS

Tasked with completing an internal project amidst disruption caused by the departure of its third developer, I navigated challenges related to scope creep and evolving project requirements. The project involved integrating an API from the data department to create an interactive in-store kiosk providing information on wine and cheese pairings. During slower periods, I also contributed to legacy client work, incorporating new content through page additions and PHP adjustments. The role primarily involved using vanilla JS and PHP, laying a solid foundation for project development. Furthermore, this experience marked my introduction to Git workflow practices, enhancing collaboration and version control—an invaluable aspect of my professional journey.

06/2013 - 02/2016

DEVELOPER

CHANNEL 1 MEDIA SOLUTIONS

As a individual in the development of multiple microsites for major league sports teams, I translated provided designs into dynamic web experiences using Photoshop and Illustrator. Collaborating closely with client project managers and internal design teams, I addressed unique challenges tailored to each sports league's distinct needs. Tasks included panoramic integration using KRPano & PHP, creation of Flash games, design of touchscreen presentations, development of custom booking calendars, implementation of unique product presentation tools, and incorporation of green screen effects. Specializing initially in Front-End development within the LAMP stack, I expanded my role to encompass Full-Stack responsibilities, successfully completing sixty-two projects from inception to completion. My multimedia efforts, utilizing applications like Photoshop, Illustrator, After Effects, and Adobe Audition, contributed to the creation of visually compelling and interactive sports microsites.

06/2013 - ON-GOING

FULL STACK DEVELOPER

PHILLIPS TEMPERATURE MONITORING SOLUTIONS

Upon completing college and joining another company, I embarked on a transformative journey to modernize my father's company's data platform through cloud development. This endeavor became a profound learning experience, involving the use of bash scripting and working with microcomputers like BeagleBones and Raspberry Pi. Navigating the intricacies of these microcomputers, I successfully developed a solution for reading data from serial ports, processing and logging the data, uploading it to the cloud, and structuring it within a REST API architecture. This ongoing project, entirely conceived, developed, and maintained by me, includes a front-end for data display and automated reporting mechanisms for companies on the system, including notable entities such as Mt. Sinai, Lush, MAC, and Maple Leaf Meats. It stands as a testament to my skills in cloud development, scripting, and system architecture, showcasing my ability to drive innovation and meet the evolving needs of businesses, providing ongoing support for my family.