

# Sidharth Sreekumar

Full Stack Developer | Ontario, CA (Open to relocate) | P.R. | +1 (437) 518-2255

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## Overview

Skilled and result-driven Full Stack Developer with a background in Cyber Security experienced in developing and leading full-stack web solutions. Proven track record of working independently and taking initiatives beyond core responsibilities. Expert in Angular 12+, Node.js, TypeScript, Drupal 8, PHP, and WCAG 2.1 accessibility standards.

## Experience

**Full Stack Developer**, Webolop Digital Solutions LLP – Remote May 2023 – Mar 2024

- Developed and enhanced web applications for multiple clients primarily in e-commerce conducting extensive requirement analysis, and iterative production approach following Agile methodologies.
- Achieved 90+ Lighthouse Accessibility score following WCAG 2.1 AA guidelines, enhancing screen reader experience, making the website more inclusive and user-friendly.
- Reduced post-deployment errors by 57% and improved developer efficiency through Test-Driven Development paired with accessibility testing using Jest.
- [Additional IT Task] Configured laptops and desktops to have a uniform development environment using Docker and provided software and hardware support to team members collaborating with the IT team.

**Systems Engineer**, Sony Pictures Entertainment (TCS) – Remote Nov 2020 – Aug 2022

- Led a team of 4 to deliver a marketing application for a client, empowering over 6,000 users (administrators, theatres, and publicity agents) globally, resulting in a significant user base expansion.
- Architected and implemented a scalable Angular front-end architecture for a large-scale media asset management application, enabling efficient handling of a growing media library.
- Reduced media asset search time for users by 38% and improved overall workflow efficiency by developing a dynamic media gallery with advanced tree-like filters using Material and DevExpress component libraries.
- Drove global reach and email campaign efficiency by 100% by developing an email campaign system with drag-and-drop template creation and advanced distribution list management using Stripo and MailGun.

**Assistant Systems Engineer**, Sony Pictures Entertainment (TCS) – Mumbai, IN Nov 2018 – Nov 2020

- Developed 6 full-stack web applications and maintained over 15 B2B websites in 3 multisite repos, providing comprehensive front-end and back-end solutions.
- Modelled complex MySQL queries to support custom views and developed APIs based on modern Drupal 8 data structures to integrate with various third-party services.
- Fostered a 20% increase in user registrations, expanding the website's reach by streamlining user experience (login, registration, password reset) with MailGun email integration.

## Skills

**Front end:** Angular 12+, RxJS, TypeScript, JavaScript, HTML, CSS, Scss, WCAG 2.1

**Back end:** Node.JS, Express, PHP

**CMS:** Drupal 8+

**Data & API:** REST API, JSON, XML

**Databases:** MySQL, PostgreSQL, MongoDB

**Testing:** Jasmine, Jest

**DevOps:** Git, Agile, Jira, AWS, Docker, Vite, Debian Linux

## Projects

**BoltBuddy** Code / Preview

- An Angular 17 PWA for calculating the distance at which a lightning bolt struck from the user's location based on current atmospheric temperature, pressure, humidity and time.
- Powered by a Node.js (Express) API proxy server with caching, rate limiting, and other security features.

## Education

**Mohawk College, Hamilton, ON** – Certificate in Cyber Security Analytics (Honours) Apr 2023

**Amrita University, Mysuru, IN** – Master of Computer Applications May 2018

**Amrita University, Mysuru, IN** – Bachelor of Computer Applications May 2016