

# SIDHARTH SREEKUMAR

## Full Stack Developer

Ontario, Canada (Open to Relocation)

+1 (437) 518-2255

sidharthsreekumar.dev@gmail.com

sidharthsreekumar.dev

github.com/sidharthsreekumar

linkedin.com/in/sidharth-sreekumar

## EXPERIENCE

---

### Webolop Digital Solutions LLP

Full Stack Developer/Consultant | Part-time

Kerala, IN

May 2023 - December 2023

- Led the revamp of a state-of-the-art media platform, ensuring accessibility compliance with WCAG 2.1 AA standards, resulting in a 42% increase in user retention and a sub-second initial page load time.
- Performed Test-Driven Development (TDD), with accessibility testing, to reduce post-deployment errors by 21%.
- Optimized platform performance by 67% creating lazy-loaded feature modules using Angular LIFT principles.

### Tata Consultancy Services | Sony Pictures Entertainment Inc.

Systems Engineer (Full Stack Developer)

Culver City, CA, USA

November 2020 - August 2022

- Led a 4-member team handling end-to-end maintenance of multiple Angular applications, covering design, development, testing, and support.
- Enabled global user reach by implementing internationalization (Angular i18n) increasing user engagement by 30%.
- Spearheaded stakeholder engagement sessions, analyzed requirements precisely, and conducted knowledge transfer workshops; these initiatives led to a 15% increase in cross-functional collaboration and a 24% reduction in project timeline delays.
- Architected RESTful APIs and cutting-edge web functionalities using React.js and Angular, streamlining back-end connectivity for enhanced system performance; accelerated development cycles by 26%, resulting in increased project delivery efficiency.
- Utilized DevOps tools (Jenkins, RabbitCI) and cloud platforms (AWS, Docker) to achieve 99% uptime and 20% faster deployments.
- Improved developer experience and API clarity by 50% with Swagger UI and OpenAPI documentation.

### Tata Consultancy Services | Sony Pictures Entertainment Inc.

Assistant Systems Engineer (Full Stack Developer)

Culver City, CA, USA

November 2018 - November 2020

- Built 6 web applications using full-stack development, delivering comprehensive front-end and back-end solutions.
- Enhanced Drupal 8 website functionality with custom modules and integrations, improving user experience by 35%.
- Migrated Drupal 8 applications to MEAN stack, significantly improving performance and scalability.
- Reduced post-production bugs by 17% through independent learning (PHPCS, PHPCBF, XDebug) and a commitment to code quality.
- Automated development workflows with Gulp.js, boosting team efficiency by 30%.

## PROJECTS

---

### BoltBuddy - An Angular PWA web application

February 2024

[Preview](#) | [Github: front-end back-end](#)

- A Progressive Web App (PWA) designed to calculate the distance at which lightning struck from a user's location.
- Includes UI customization features like theme switching, multiple temperature units, manual temperature override and app features like Node.js proxy API server, rate limiting, caching, offline availability, etc.
- Tech stack: Angular 17, RxJS, Signals, PWA, Material, Node.js, Express.js, CORS, REST, OpenWeatherMap API.

### Portfolio Website

August 2023

[Preview](#) | [Github: code](#)

- Created a visually appealing and user-friendly portfolio website to showcase skills and experience effectively.
- Improving accessibility and performance using Lighthouse and Chrome Dev Tools, achieving a 1ms page load time.

### AURA - Amrita Unified Rural Health Assistant (Research Project)

March 2018

- A patient bio-signal data collection and transmission Android application (Java) to support research on reducing data transmission delays. Demonstrated strong programming abilities in Java for Android development.

## EDUCATION

---

### **Certificate in Cybersecurity Analytics (Honours)**

Mohawk College, Hamilton, ON | 90.03

*September 2022 - April 2023*

### **Master's Degree in Computer Applications**

Amrita Vishwa Vidyapeetham, Mysuru, IN | 80.2

*June 2016 - May 2018*

### **Bachelor's Degree in Computer Applications**

Amrita Vishwa Vidyapeetham, Mysuru, IN | 86.4

*June 2013 - May 2016*

## PUBLICATION

---

### **A Cloud-Based Smartphone Solution for Transmitting Bio-Signals from an Emergency Response Vehicle**

In I. Management Association (Ed.), Research Anthology on Telemedicine Efficacy, Adoption, and Impact on Healthcare Delivery (pp. 429-446). IGI Global. <https://doi.org/10.4018/978-1-7998-8052-3.ch022>

## CERTIFICATION

---

### **SC-900: Microsoft Security, Compliance, and Identity Fundamentals**

Mohawk College, Hamilton, ON | Microsoft Corporation

*December 2022*

## AWARDS AND ACHIEVEMENTS

---

- **Walk The Talk:** Recognized by Sony Pictures Entertainment Inc. for exceeding performance expectations.
- **A-Band:** Consistently achieved A-Band performance rating, the highest recognition at Tata Consultancy Services, for three consecutive years.
- **Service Excellence:** Earned consistent praise (verbal and written) from clients, teammates, and managers for exceeding service expectations.

## SKILLS

---

<b>Front-end</b>	HTML, CSS, Sass, JavaScript, TypeScript, Angular, RxJS, React, Redux, Next.js, Three.js, JQuery, Sass, Material UI, Bootstrap, Tailwind CSS
<b>Back-End</b>	Java, C#, PHP, Node.JS, Express, Spring Boot
<b>Data &amp; API</b>	REST, GraphQL, SwaggerUI, OpenAPI, OAuth2, JSON, XML
<b>Databases</b>	MySQL, SQL, PostgreSQL, MongoDB
<b>Dev Tools</b>	Git, Composer (PHP), NPM, Yarn, XDebug
<b>Testing</b>	Jasmine, Jest
<b>DevOps</b>	Agile, Scrum, Jira, Jenkins, RabbitCI, AWS, Azure, Netlify, Gulp.JS, Docker, Netlify, Vite
<b>Others</b>	Shell Scripting, Hyper-V, Design Patterns, Testing, Debugging, Android Programming, MVC, WCAG 2.1