SIDHARTH **SREEKUMAR**

Full Stack Developer

Ontario, Canada (Open to Relocation)

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EXPERIENCE

Webolop Digitial Solutions LLP   Kerala, IN

Full Stack Developer/Consultant | Part-time   *May 2023 - December 2023*

- Led the revamp of a state-of-the-art media platform, resulting in a 42% increase in user retention and a sub-second initial page load time. This was achieved by implementing Angular for the front-end and Node.js and MongoDB for the back-end.
- Performed Test-Driven Development (TDD), junior developer training, and code reviews reducing 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.   Culver City, CA, USA

Systems Engineer (Full Stack Developer)   *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.   Culver City, CA, USA

Assistant Systems Engineer (Full Stack Developer)   *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)   *September 2022 - April 2023*
Mohawk College, Hamilton, ON | 90.03
Master's Degree in Computer Applications   *June 2016 - May 2018*
Amrita Vishwa Vidyapeetham, Mysuru, IN | 80.2
Bachelor's Degree in Computer Applications   *June 2013 - May 2016*
Amrita Vishwa Vidyapeetham, Mysuru, IN | 86.4

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   *December 2022*
Mohawk College, Hamilton, ON | Microsoft Corporation

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

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