SIDHARTH SREEKUMAR

Full Stack Developer ◇ +1(437) 518-2255 ◇ Ontario, CA ◇ Permanent Resident

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EXPERIENCE

Full Stack Developer/Consultant | Part-time — May 2023 - Dec 2023
Webolop Digitial Solutions LLP — *Kerala, IN*

- Led development of a media platform, boosting user experience with modern front-end (Angular) and back-end (Node.js, MongoDB) technologies.
- Performed Test-Driven Development (TDD), junior developer training, and code reviews reducing post-deployment errors by 15%.
- Optimized platform performance by 75% creating lazy-loaded feature modules using Angular LIFT principles.

Systems Engineer (Full Stack Developer) — Nov 2020 - Aug 2022
Tata Consultancy Services | Sony Pictures Entertainment Inc. — *Mumbai, IN*

- Led a 4-member team handling end-to-end maintenance of multiple Angular applications, covering design, development, testing, and support.
- Streamlined user experience and boosted performance metrics by 40% through optimized front-end architecture for Angular applications.
- Enabled global user reach by implementing internationalization (Angular i18n) increasing user engagement by 30%.
- Migrated Drupal 8 applications to MEAN stack, significantly improving performance and scalability.
- Spearheaded stakeholder engagement sessions, analyzed requirements with precision, and conducted knowledge transfer workshops; these initiatives led to a 15% increase in cross-functional collaboration and a 25% reduction in project timeline delays.
- Crafted RESTful APIs and web features using React.js and Angular, facilitating seamless back-end integration.
- 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.

Assistant Systems Engineer (Full Stack Developer) — Nov 2018 - Nov 2020
Tata Consultancy Services | Sony Pictures Entertainment Inc. — *Mumbai, IN*

- 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%.
- Increased code maintainability by 40% through detailed documentation.
- Reduced post-production bugs by 20% 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 (boltbuddy.netlify.app) | Github: [front-end](#) [back-end](#)

- A Progressive Web App (PWA) designed to calculate the distance at which a lightning bolt 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 (sidharthsreekumar.dev) | [Github](#)

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

Haritha Kerala Holidays (harithakeralaholidays.netlify.app) | [Github](#)

- A mobile-first business website for a prominent tourism client, boosting user traffic by 200% through SEO optimization.
- Utilized HTML, CSS/Scss, Bootstrap, and JavaScript (ES6+) to deliver a high-quality website experience.

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

- 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(GPA)   Apr 2023
Master of Computer Applications, Amrita Vishwa Vidyapeetham, Mysuru, IN | 80.2(GPA)   May 2016
Bachelor of Computer Applications, Amrita Vishwa Vidyapeetham, Mysuru, IN | 86.4(GPA)   May 2013

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 | Microsoft   Dec 2022

SKILLS

Web	HTML/HTML5, CSS/CSS3, JavaScript (ES6+), TypeScript, PHP, REST API, JSON
Frameworks and Others	Angular, RxJS, React, Node.JS, JQuery, Drupal 8, Bootstrap, Java, Spring
Database	MongoDB, MySQL, SQL, NoSQL
Development Tools	Gulp.JS, Git, Composer (PHP), Lando, XDebug, Jasmine
Project Management	Agile, Scrum, Jira
CI/CD	Jenkins, RabbitCI, AWS, Docker
Other Technical Expertise	MVC, Shell Scripting, Hyper-V, Azure, DevOps, Linux, Vulnerability Testing
Other Relevant Skills	Testing, Debugging, Design Patterns, Android Programming, SwaggerUI, OpenAPI