

SIDHARTH SREEKUMAR

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

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CAREER PROFILE

A Full Stack Developer with over four years of experience in designing and developing web applications using Angular, React.js, Node.js, and other web technologies. Experienced in leading teams, handling end-to-end maintenance, performing technology migrations, and creating RESTful APIs. Proficient in project management, CI/CD, testing, debugging, and DevOps. Seeking to leverage my skills and experience to create cutting-edge web solutions.

SKILLS

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

EXPERIENCE

Systems Engineer (Full Stack Developer)

Nov 2020 - Aug 2022

Tata Consultancy Services | U.S. Client

Mumbai, IN

- Spearheaded the design and development of the front-end architecture of large-scale Angular applications adhering to coding standards and best practices.
- Led a 4-member team handling end-to-end maintenance of multiple Angular applications, covering design, development, testing, and support.
- Handled internationalization with the help of Angular i18n and back-end services for providing UI text and data translation based on user preferences.
- Performed technology migration of Drupal 8 applications to MEAN stack improving performance and scalability.
- Conducted stakeholder meetings, presentations, requirement analysis, and knowledge transfer sessions.
- Developed admin panels, user modules (login, registration, password reset, etc.), utility services, data models, user session handling, and state management (RxJS) using React.js and Angular.
- Crafted RESTful APIs to integrate various backends, such as Node.js, Spring Boot, and Drupal 8, showcasing skills in JavaScript(ES6+), Typescript, and PHP.
- Reduced page loading time by 75% by creating lazy-loaded feature modules using Angular LIFT principles.
- Performed Test-Driven Development using Jasmine and conducted regular peer training sessions and code reviews that reduced post-deployment errors by 15%.
- Deployed applications using Jenkins, RabbitCI, AWS, and Docker emphasizing resilience and cloud technology skills.
- Used Swagger UI and OpenAPI for documenting Node.js back-end services.

Assistant Systems Engineer (Full Stack Developer)

Nov 2018 - Nov 2020

Tata Consultancy Services | U.S. Client

Mumbai, IN

- Created internal and external web applications using Drupal 8, showcasing front-end and back-end development skills.
- Developed custom Drupal 8 modules and integrated community modules to improve site functionality based on project requirements.
- Designed and developed the UI of Drupal 8 applications using Bootstrap, jQuery, and PatternLabs.
- Crafted complex MySQL queries to support custom views and developed APIs based on modern Drupal 8 data structures to integrate with various third-party services.
- Wrote detailed documentation for back-end services and in-line documentation for important functions improving code readability and IDE referencing.
- Performed maintenance of tech stack, including patching, upgrading, adding and removing community modules using Composer (PHP).
- Demonstrated a proactive approach to professional growth by independently mastering technologies like PHPCS (code linting for Drupal 8) and XDebug, resulting in a significant 20% reduction in post-production bugs.
- Designed workflow automation scripts using Gulp.js, reducing the manual effort of recurring tasks by 90%.

PROJECTS

Haritha Kerala Holidays (Freelance project). Designed, developed and deployed a mobile-first business website for a prominent client in the tourism industry, showcasing strong proficiency in HTML, CSS/Scss, Bootstrap and JavaScript (ES6+). Improved search engine visibility using SEO techniques which increased organic traffic by 200%

AURA - Amrita Unified Rural Health Assistant (Research Project). Developed an Android application using Java that interfaced with medical devices to collect and send bio-signals from a patient being taken to a hospital and used the same to conduct research analysis on data transmission delay of bio-signals.

Personal portfolio website (sidharthsreekumar.dev). Created and designed a personal portfolio website to showcase skills, experience, and projects in a visually appealing and user-friendly manner. Improved accessibility and performance using Lighthouse and Chrome Dev Tools, reducing page load time to 1ms.

EDUCATION

Certificate in Cybersecurity Analytics (Honours), Mohawk College, Hamilton, ON 90.03(GPA)	2023
Master of Computer Applications, Amrita Vishwa Vidyapeetham, Mysuru, IN 80.2(GPA)	2016
Bachelor of Computer Applications, Amrita Vishwa Vidyapeetham, Mysuru, IN 86.4(GPA)	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
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