

SIDHARTH SREEKUMAR

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EXPERIENCE

Systems Engineer (Web Developer)

Tata Consultancy Services | U.S. Client

Nov 2020 - Aug 2022

Mumbai, IN

- Led the front-end architecture of large-scale Angular applications respecting coding standards and best practices.
- Developed admin panels, user modules (login, registration, password reset, etc.), utility services, data models, user session handling, and state management (RxJS).
- Created modules based on their primary functions and enabled lazy-loading, reducing initial loading time by 75%.
- Performed Test-Driven Development using Jasmine and conducted regular peer training sessions and code reviews that reduced post-deployment errors by 15%.

Assistant Systems Engineer (Web Developer)

Tata Consultancy Services | U.S. Client

Nov 2018 - Nov 2020

Mumbai, IN

- Created internal and external web applications using Drupal 8, showcasing front-end and back-end development skills.
- 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.
- 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

SKILLS

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| 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, Docker, XDebug, Jasmine |
| Other Technical Expertise | Agile, Scrum, Jira |
| Other Relevant Skills | MVC, Shell Scripting, Hyper-V, Azure, AWS, DevOps, Linux, Vulnerability Testing |
| | Testing, Debugging, Code Review, Design Patterns, CI/CD, Android Programming |