

Sidharth Sreekumar

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EXPERIENCE

Tata Consultancy Services

Nov 2020 – Aug 2022, Mumbai, IN

Systems Engineer (Web Developer)

- Led the design and development of enterprise-level web applications using **Angular**, integrating them with various **microservices** and collaborating with multiple teams.
- Successfully implemented Material UI and DevExpress **component libraries** for Angular, along with developing a **custom theme** to meet specific business requirements. This resulted in a significant **reduction of development costs** by 40%.
- Actively participated in **code reviews**, providing valuable suggestions and improvements that led to a **reduction of post-deployment errors** by over 15%.
- Implemented **state management** and **utility services** from scratch, greatly **enhancing code reusability** and **improving** overall development **efficiency**.
- Introduced and **provided training** on development tools such as **Prettier** and **SonarLint** to peers. This initiative significantly **improved coding standards** and increased the quality index in CAST (code analysis tool) by more than 30%.
- Conducted a proof-of-concept (POC) on **Test-driven Development** (TDD) using **Jasmine** and facilitated **training sessions** for the development team to become proficient with these technologies.

Tata Consultancy Services

Nov 2018 – Nov 2020, Mumbai, IN

Assistant Systems Engineer (Web Developer)

- Successfully delivered and enhanced **Drupal 8** websites, utilizing both **front-end** and **back-end** development skills, to meet client requirements.
- Implemented **responsive website** designs with **dynamic font scaling**, resulting in improved viewability across various screen sizes.
- Developed **scalable APIs** and background workers (cron jobs) for seamless **integration with third-party services**, ensuring efficient data exchange.
- Led and **motivated** product team members to embrace **industry standards** and **workflow automation** technologies, leading to **accelerated development** timelines and decreased post-production issues.
- Integrated **RESTful web services** and **JavaScript** libraries to expand site functionality and enhance the overall appearance.
- 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** and increased **client satisfaction**.

PROJECTS

Haritha Kerala Holidays (Freelance project)

- Successfully designed and developed a **mobile-first** and **scalable** business website for a prominent client in the tourism industry, showcasing strong proficiency in **HTML**, **CSS/Scss**, **Bootstrap** and **JavaScript** (ES6+).
- Demonstrated resourcefulness by **hosting** the website on Netlify, effectively **eliminating any hosting costs**, and seamlessly connecting it to a DNS.
- Utilized advanced **SEO** techniques to optimize the website's visibility in web searches, resulting in a remarkable **increase in website traffic** by over 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.
- Utilized **HTML**, **CSS/Scss**, and **JavaScript** to develop interactive features and animations, enhancing the overall user engagement.
- Optimized the website for fast loading times, ensuring a smooth and efficient browsing experience using **Chrome Dev Tools** and **Lighthouse**.
- Demonstrated creativity and attention to detail through carefully selected color schemes, **typography**, and imagery to create a visually cohesive and professional-looking website.

EDUCATION

Graduate Certificate in Cybersecurity Analytics

Mohawk College | Hamilton, ON, CA | 2023 | 90.03 (GPA)

Master of Computer Applications

Amrita Vishwa Vidyapeetham | Coimbatore, IN | 2016 | 80.2 (GPA)

Bachelor of Computer Applications

Amrita Vishwa Vidyapeetham | Coimbatore, IN | 2016 | 86.4 (GPA)

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 | 2022

SKILLS

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