

SUDHARSHAN SRINIVASAN

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Software Engineer with 5+ years of experience in Full Stack Development, building scalable, interactive web applications using **JavaScript, Node.js, and MongoDB**, and driving product feature enhancements. Skilled in problem-solving, performance optimization and UI/UX improvements, with a strong record of collaboration in Agile and cross-functional teams, delivering high-quality, user-centric web solutions accessed by multiple clients and internal teams.

PROFESSIONAL EXPERIENCE

FORTRESS INFORMATION SECURITY, Orlando, FL | Software Engineer

Jun 2023 - Present

Technologies: Meteor, HTML, CSS, Jade, Lodash, JavaScript, MongoDB

- Delivered solutions through full SDLC, collaborating with 5+ cross-functional teams to design and implement product features across internal and client-facing applications, ensuring high-quality releases on time.
- Integrated frontend with backend APIs and MongoDB workflows, handling high-volume data across the platform/portal.
- Implemented RBAC access control for the company's platform, conducted code reviews, and mentored 3+ junior engineers, improving security and code quality.
- Contributed to SBOM (Software Bill of Materials) and HBOM (Hardware Bill of Materials) initiatives, improving transparency and security.
- Worked closely with major U.S. energy utilities and renewable energy providers, delivering secure software solutions tailored to their needs.

FORTRESS INFORMATION SECURITY, Orlando, FL | Associate Software Engineer

Jun 2021 – May 2023

Technologies: Meteor, HTML, CSS, Jade, Lodash, JavaScript, MongoDB

- Optimized internal tools for Cyber Supply Chain and Asset Vulnerability Management, reducing data processing time by ~15%.
- Refactored frontend JavaScript code modules using Meteor and Lodash, led updates to a Meteor-based vendor/client portal with Jade and MongoDB integration, reducing load times by ~30%, boosting performance, and improving content accessibility for multiple clients.

MERCH, Orlando, FL | Full Stack Developer Intern

Aug 2020 – May 2021

Technologies: HTML, CSS, JavaScript, TypeScript, XAMPP, WordPress CMS

- Designed and deployed dynamic front-end pages integrated with WordPress Content Management System.
- Reduced average page load time to <5 seconds, improving user retention and SEO.
- Increased organic traffic by 20% over a 3-month period, using topic clusters and SEO optimization.
- Integrated APIs for standalone applications to enhance customer experience and enabled customized storefronts for partner businesses.

COGNIZANT, Chennai, India | Programmer Analyst Trainee | Technologies: Mainframes, COBOL, Jira, Kanban

Jan 2018 – Nov 2018

- Developed and optimized backend jobs for Policy Management Systems, automating tasks to improve execution times by 10%.
- Implemented and deployed code changes on IBM Mainframe production servers, ensuring reliable system operations.

RELEVANT PROJECTS

PERSONAL PORTFOLIO WEBSITE ([Portfolio](#)) | React, TypeScript, Tailwind CSS, Vercel

2025

- Developed and deployed a modern, responsive personal portfolio website to showcase academic and professional projects.
- Built with React + TypeScript for a scalable, maintainable codebase and integrated Tailwind CSS for styling.

EVENT MANAGEMENT SYSTEM ([GitHub](#)) | Java, MySQL workbench, Junit, Selenium, Selenium IDE, Eclipse

2020

- Created a web app to manage event booking and cancellation using Java Servlet Pages.
- Performed Automation Testing using Selenium IDE and achieved 100% statement coverage and Pit coverage.

SOFTWARE TESTING USING JAVA ([GitHub](#)) | Java, Junit, JaCoCo, Pitclipse

2019

- Performed basis path testing with MCDC criteria, achieving high code quality and test coverage.

EDUCATION

University of Texas, Arlington, Master's in Science - Computer Science, GPA: 3.58

Aug 2019 – May 2021

Coursework: Web Data Management, Software Engineering, Algorithms, Advanced Database Systems, Advanced Software Testing

Anna University, Tamil Nadu, India, Bachelor of Engineering in Computer Science and Engineering, GPA: 7.74

Jul 2013 – Apr 2017

Coursework: Data Structures, Design and Analysis of Algorithms, Software Development, Object-Oriented Analysis and Design, DBMS

SKILL SET

Languages: JavaScript (ES6+), TypeScript, Java, C/C++, PHP, SQL

Databases/Servers: MongoDB, MySQL, SQL Server, Tomcat

Frameworks & Web Tech: Meteor, Lodash, HTML5, CSS3, Jade, jQuery, React, Node.js, Express, NestJS, Laravel, XML, WordPress

Testing & Tools: JUnit, Selenium, JaCoCo, Pitclipse, Git, Cursor, VS Code, Studio3T, Agile (Jira/Kanban/Notion/Monday), Figma

AI Tools: ChatGPT, Claude, Gemini, Copilot, Grok