

SOWMIYA KRISHNAN

SOFTWARE DEVELOPER

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PROFILE

Experienced Software Developer with 3+ years in UI design and front-end development, skilled in building responsive, user-centric applications. Proven ability to design, implement, and maintain software solutions on schedule, with a focus on optimized performance and seamless UI/UX integration.

EDUCATION

Master of COMPUTER SCIENCE - Pursuing

Annamalai University, Tamil Nadu

Expected May 2025

Bachelor of MATHEMATICS - First Class

Government Arts College, Ooty, Tamil Nadu

May 2020

CERTIFICATE COURSES

- 3 Months Web Designing Training with passed with 'A' grade
- Typewriting Tamil and English - Senior Grade passed with First class with Distinctions

SKILLS

- | | |
|--------------------|-----------------|
| ● HTML5 | ● JavaScript |
| ● CSS3 | ● TypeScript |
| ● Bootstrap | ● Elasticsearch |
| ● Angular 8+ | ● jQuery |
| ● Angular Material | ● Canva |

WORK EXPERIENCE

Software Developer

June 2022 - August 2024

Sivisoft Solutions Private Limited, Chennai

- Led the development and maintenance of web applications and dynamic forms, driving performance improvements and optimizing user interfaces.
- Created Form.io-based dynamic forms and ECharts visualizations, enhancing functionality and achieving a 20% performance increase.
- Optimized Elasticsearch indexing and query performance, reducing response times by 90% and ensuring high availability through cluster management.
- Conducted code reviews, provided mentorship, and collaborated within a 10-member team to deliver healthcare web applications.

UI Designer and Social Media Curator

July 2021- June 2022

Shalomooty, Ooty

- Developed comprehensive branding solutions for Shalomooty, including logo design, banners, pamphlets, and social media assets using Canva and Photoshop.
- Managed image uploads and content for the website, ensuring seamless integration and visual consistency.
- Oversaw social media accounts and website management, optimizing content for engagement and brand presence.
- Designed unique jewelry incorporating tribal art, enhancing brand identity and product offerings.

PROJECTS

Denver Health Medical Plan

March 2023 - August 2024

- Developed a dynamic web application using HTML5, CSS3, JavaScript, Angular 8+, JSON, Bootstrap, and jQuery. Created interactive data tables with advanced filtering and sorting features, and implemented tabbed views for displaying patient medical records.
- Used Font Awesome for enhanced UI elements and integrated time-based data configurations to ensure accurate, real-time data updates. Delivered a responsive, user-friendly experience through front-end optimization and modular design.
- Developed a user interface integrating REST APIs to enable advanced querying. Leveraged expertise in Query DSL, data indexing, and cluster management to optimize data insertion, updates, and object attribute management.
- Proficient in Painless scripting and runtime fields for seamless data analysis and externalization. Implemented performance optimizations through shard management, cache tuning, and efficient data ingestion.
- Worked on database migration from Cassandra to Elasticsearch using Java, ensuring efficient data transfer and integration for optimized search capabilities.

Emerest

August 2022 - March 2023

- Worked on UI issue resolution using HTML, CSS, JavaScript, Angular Material, JSON, Apache ECharts, Form.io, and Bootstrap.
- Implemented dynamic tabs, data tables with filtering, and Form.io forms for seamless user interaction. Addressed and resolved UI issues identified by the Quality Assurance team to enhance functionality and performance.
- Utilized GitHub for version control and efficient code management, Jenkins for continuous integration, and JIRA for project management and issue tracking.
- Integrated Swagger UI for API documentation and deployed applications on web servers to ensure seamless production work-flows.