

# SREERAG HARIDAS EM

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Enthusiastic Front-End Developer with 2 years of experience specializing in the MERN stack and AWS. Demonstrated proficiency in developing robust web applications, leading to an improvement in user retention across multiple projects. Successfully implemented AWS cloud services, which contributed to a reduction in infrastructure costs. Collaborated effectively with small to medium-sized development teams, consistently delivering high-quality code and fostering a positive work environment. Committed to utilizing cutting-edge technologies and methodologies to enhance user experience and drive business growth.

## EXPERIENCE

### Software Developer

#### Medimaze Solution

March 2023 - Present

Pune, Maharashtra

##### Project: Medimaze PACS Viewer

Dec 2023 - Present

Designed an PACS (Picture Archiving and and Communication System) Viewer with the intent to revolutionize medical image interpretation and analysis:

- Designed and implemented the viewer interface, leveraging tools and functionalities from the Cornerstone.js library, resulting in a 60% improvement in image loading speed and user interface responsiveness.
- Integrated OAuth authentication mechanism, ensuring a secure access control system. .
- Created a comprehensive report generation feature for DICOM images (X-ray), enabling physicians to access detailed analyses and in sights directly from from the viewer, resulting in a 40% reduction in time spent on report generation tasks.
- Implemented TMTV (Total Metabolic Tumor Volume) mode within the OHIF Viewer, empowering oncologists and radiologists to conduct sophisticated tumor volume calculations and analysis, leading to a 50% enhancement in diagnostic precision and efficiency.

##### Project: Dialogue.ai

April 2023 - Oct 2023

Revamped AI accessibility with Dialogue.ai, unveiling a secure and intuitive platform tailored for customized file interactions:

- Spearheaded the development of a robust UI design for machine learning algorithms, resulting in a 30% increase in user engagement.
- Incorporated frontend functionalities with web APIs built on Django, leading to a 40% improvement in performance through seamless teamwork and collaboration across development teams.
- Utilized React Js, Mobx, and Typescript technologies to democratize AI-powered data analysis for users of all technical proficiency levels.

### Software Engineer

#### Embarckle

March 2022 – March 2023

Coimbatore , Tamil Nadu

##### Project: Gym Application

Oct 2022 - Feb 2023

Developed a Gym Application aimed at optimizing fitness management and enhancing member experience:

- Demonstrated leadership by effectively leading a development team and driving project success through proactive problem-solving and collaboration, resulting in a 25% increase in administrative efficiency.

## EDUCATION

### Amrita Vishwa Vidyapeetham

#### Master of Computer Application

July 2019–July 2021 Kollam, Kerala

### SMT Kashibai Navale College

#### Bachelor of Computer Application

July 2016–June 2019 Pune, Maharashtra

## SKILLS

- Language : JavaScript, Typescript,HTML5, Node JS, CSS3
- Frameworks : React
- State-Management Library :Mobx, Redux
- Component Frameworks : Material-UI, Bootstrap
- Databases : SQL (Beginner Level)
- VCS : Git
- Responsive design
- Problem-Solving
- Agile Software Development

## PUBLICATION

IEEE (ICIRCA-2021)

- An SDN-Based Prototype for Dynamic Detection and Mitigation of DoS Attacks in IoT.

## CERTIFICATIONS

- Introduction to Programming Using Python - Coursera.
- AWS Solutions Architect - Associate Level - Simplilearn.

- Conducted comprehensive requirement analysis and functional design, ensuring alignment with project objectives and stakeholder requirements while fostering teamwork and communication.
- Implemented authentication system using email, password, Google, and Facebook authentication methods.
- Maintained code quality and managed GIT repository.
- Utilized React Js, Typescript, and Redux to merge robust backend functionalities with a responsive frontend, improving operational efficiency by 35% through innovative problem-solving and initiative.

**Project: Insurance Analytics**

March 2022 - Aug 2022

**Reviewed data from insurance providers to extract insights, which were then visually represented through charts:**

- Designed a user-friendly UI resulting in a 70% reduction in user errors during data analysis, demonstrating strong communication skills by effectively understanding user needs and preferences.
- Established a proper authentication system using email and password, showcasing analytical thinking and problem-solving abilities to ensure data security and access control.
- Leveraged React Js, Typescript, and Redux technologies to facilitate data visualization and prediction analysis, demonstrating leadership in adopting cutting-edge technologies and driving project innovation. Demonstrated drive and initiative by proactively seeking opportunities to improve project efficiency and deliver innovative solutions, showcasing a commitment to continuous improvement and excellence.

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