



Sivasankar A

FULL STACK WEB DEVELOPER

Profile

- Developed and launched 5+ high-traffic web applications using React, Angular, NodeJs, and AWS; increased user engagement by 40% and reduced page load time by 50%
- Led cross-functional teams in building scalable web solutions with MongoDB, PostgreSQL, and Django; improved deployment efficiency by 30% and achieved 99.9% up time.

Employment History

Associate software engineer, Hexaware Technologies, Chennai

FEBRUARY 2022 — PRESENT

- Designed and implemented a web application that was compatible with multiple browsers and devices with minimal errors.
- Analyzed user behavior with web analytics tools; identified key pain points and implemented design changes, resulting in a 25% increase in average session duration and a 15% boost in conversion rates.
- Implemented a single-page application using React and Redux that improved overall performance and usability.
- Implemented a server-less architecture using AWS technologies that reduced operational costs by 10%.
- Debugged software, identified root causes, and proposed solutions to software issues

Projects

HR Application Modernization (React with Typescript, NextJs, .Net 8), Chennai

FEBRUARY 2024 — PRESENT

- Developed and maintained a comprehensive HR application with two main components:
 - Public Career Site:** Worked as a team member to enable the users to browse and apply for job postings.
 - Internal HR Site:** Worked as a team member to provide role-based access for HR staff to manage requisitions, track candidates through various hiring stages (prescreening, offer creation, pre-onboarding validation, hiring), and manage performance appraisals and departmental changes.
- Transitioned the application from .NET to .NET Core, deploying it as Linux containers in AWS ECS.
- Managed a complex project deployment involving 23 different parameters in AWS ECS scheduled tasks.

Knowledge Base Application (Angular & .Net 6), Chennai

FEBRUARY 2023 — JANUARY 2024

- KBA is a versatile knowledge base application that empowers users to create content using a wide range of formats, including PDF, images, videos, and articulates designed for learning and training purposes.
- KBA seamlessly integrates with Angular as the front-end framework and leverages the power of .NET as the back-end technology.

Details

Chennai

India

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Links

[linkedin](#)

[Github](#)

Skills

Reactjs

Redux

Angular

Next Js

Express.js

Dotnet

PostgreSql

AWS

Languages

Tamil

English

- I transformed the existing .NET MVC application with Angular into a single-page application (SPA) powered solely by Angular.
- I implemented Azure AD Single Sign-On (SSO) login functionality into the application, enabling users to authenticate using their Azure AD credentials. This enhances security and simplifies the login process by eliminating the need for separate credentials within the application.
- Additionally, I integrated AWS CloudWatchRUM (Real User Monitoring) for application monitoring purposes. CloudWatchRUM collects and analyzes real-time user data, providing insights into application performance, user experience, and identifying any issues or bottlenecks. This integration helps in proactive monitoring, troubleshooting, and optimizing the application's overall performance and user satisfaction.

ReactEase - React Tool for internal developers (React JS & ExpressJs)

OCTOBER 2022 – JANUARY 2023

- I worked on a React tool specifically designed for front-end developers to streamline the process of generating instant projects. This tool offers a convenient way to configure routes and select default templates for each page, such as tables, forms, and dashboards.
- With this tool, developers can easily create layouts and insert various components, such as tables, forms, and charts, into those layouts. The tool provides a user-friendly interface for customizing the components according to specific needs.
- Furthermore, the tool enables developers to download individual component JavaScript files directly. By filling in fields like API URL, page limit, column details, and form details, developers can customize the components to match the desired functionality. This feature enhances code re-usability and accelerates the development process for React-based projects.

BAC (React JS & .Net 6)

SEPTEMBER 2022 – JANUARY 2023

- I worked on the development of the BAC (Banned Access Control) application, which serves the purpose of creating and inspecting a list of banned individuals. In this project, I built all the screens from scratch using React.js, ensuring a seamless user interface.
- To enhance security and user convenience, I integrated Azure AD Single Sign-On (SSO) login functionality into the application. This allows users to authenticate using their Azure AD credentials, improving the overall login experience.
- Furthermore, I implemented Microsoft Power BI reports within the UI of the application. This integration enables users to access and interact with dynamic and visually appealing reports, providing valuable insights and analytics related to the banned individuals' data.
- Overall, these features combine to create a comprehensive and efficient Banned Access Control application with robust user authentication and data visualization capabilities.

Courses

SQL Bootcamp, Udemy

JUNE 2022 – JUNE 2022

Education

B.E., Thanthai Periyar Govt institute of tech., Vellore

APRIL 2017 – APRIL 2021

I achieved an 80% in my undergraduate studies and fulfilled the role of college secretary during my last year.

10th and 12th, KVM matric hr. sec, school, Tiruvannamalai

MAY 2014 – APRIL 2017

I successfully completed my 10th and 12th grades with outstanding scores of 98.6% and 93.1% respectively, earning the distinction of being the top performer in my school for both grades.