

vivekmengu016.github.io

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Details

Vivek Mengu

I work at Contentstack as a Senior Software Engineer II, where I contribute to the innovative realm of headless technology. I craft cool solutions—optimizing performance, creating robust and reusable UI components, and keeping our applications in sync with the latest technology.

As I code, I dream of evolving into a Front-end Architect, a journey where dreams seamlessly merge with lines of code.

Employment History

Senior Software Engineer II at Contentstack

March 2022 – Present

- Implemented tree shaking techniques for efficient removal of unused code, optimizing overall application performance.
- Optimized rendering performance of the entry editor, dynamically handling over 100 entry fields with real-time validation.
- Successfully reduced bundle size through strategic bundle sorting and meaningful chunk creation, enhancing overall application loading speed.
- Implemented route-based chunking, fetching only the required chunks when specific components are needed, improving load times.
- Introduced features such as preFetch and canceling requests on redirection, contributing to a more responsive user experience.
- Addressed Core Web Vitals metrics (FCP, LCP, TBT), optimizing performance by removing third-party resources from the main thread.
- Led the team by setting an example, fostering a collaborative and innovative development environment.
- Developed an AI-based document generator that creates documents on demand, streamlining the documentation process.
- Recognized with quarterly-based value awards for outstanding contributions and commitment.
- Secured the position of 2nd Runner-up in the company-wide hackathon, showcasing Ai based website builder.

Application Engineer at Contentstack

February 2019 – March 2022

- Led the successful transition from AngularJS to ReactJS, ensuring a seamless and efficient conversion process.
- Implemented a custom Webpack bundling tool for optimized application performance and streamlined development workflow.
- Collaborated on developing components using Storybook JS, enhancing testing and documentation.
- Established essential tools: ESLint for code linting, Jest for testing, and TypeScript for code maintainability.
- Implemented strategies for 80%+ test coverage, ensuring a robust testing suite for the entire application.
- Contributed significantly to core features (e.g., Entry Editor, Commenting, Visibility Rules), enhancing functionality and user experience.
- Implemented Redux-Sagas for global state management, ensuring efficient data flow and synchronization.

Frontend Engineer at OneDigiLTA

June 2018 – November 2018

At OneDIGILTA, as a Frontend Engineer, I designed and developed Angular.js applications for a German law firm. I played a key role in building a system from scratch to streamline tracking legal expenses, managing documents, and implementing efficient time tracking.

Frontend Developer Lead at GoPBN

May 2016 – May 2018

- Initiated the development of a core SaaS application, constructing it from the ground up.
- Led and mentored a team of frontend developers, ensuring alignment with design requirements across projects.
- Facilitated effective communication between UI designers and developers to meet client requirements.
- Emphasized a user-centric approach, focusing on enhancing the UX of SaaS applications.
- Played a pivotal role in UX development, making informed decisions to distinguish between good and bad UI choices...

Frontend Developer at Wisdmlabs

March 2015 – April 2016

Joined as an intern and was subsequently promoted to a Frontend Developer with key responsibilities, including:

- Crafting visually appealing UI with a focus on responsiveness and cross-platform design.
- Transforming designs into SEO-friendly themes to boost visibility and enhance experience.
- Developing WordPress-based themes tailored to meet the unique needs of clients.

Education

Bsc IT at Vidyalankar School Of Information Technology

Links

Github profile:

<https://vivekmengu016.github.io>

LinkedIn profile:

<https://www.linkedin.com/in/vivekmengu016>

Skills

React.js

Redux / Saga

Webpack | Rollup

Javascript | Typescript

Git | CICD

HTML | CSS | SCSS

UI/UX