

PAVANI C

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Education

California State University Long Beach

August 2021 – May 2023

Masters in Computer Science

Long Beach, California

Relevant Coursework *Data Structures, Software Methodology, Algorithms Analysis, Artificial Intelligence ,Systems Programming, Computer Architecture, Operating Systems,Database Management*

Technical Skills

Programming Languages :C++,Java, Python, C, JavaScript, Typescript, .NET

Web Technologies : HTML, CSS, Bootstrap, , React JS, Angular JS , Node JS, Next JS, Spring Framework

Web/Application Servers :Azure, AWS Cloud, Apache Tomcat

IDE's : Visual Studio Code, Eclipse, NetBeans

Databases : MySQL, MongoDB, PostgreSQL,

Version Control : Git, Bitbucket

Build Tools : Maven, Gradle

Tools : Agile

Other : Docker,Kubernetes,JSON.HTTP,Rest API, OAuth

Experience

California State University Long Beach

January 2022 – December 2022

Graduate Assistant- Full Stack Developer

Long Beach, CA

- Managed and improved internal university websites effectively by employing React, HTML, CSS, and JavaScript, leading to a remarkable 20% surge in user engagement and a notable 15% decrease in drop-off.
- Optimized website speed through React components, lazy loading, and other techniques, achieving a 25% decrease in load times and driving improved SEO and traffic growth.
- Also, worked on React JS components, Forms, Events, Keys, Router, and Animations, designed the application to effectively cater to various screen resolutions by utilizing Bootstrap and CSS media queries, ensuring adaptability and an optimal user experience.

Grip Spark Foundation

August 2020- July 2021

Full Stack Developer

Remote

- Engineered responsive designs by harnessing the power of HTML, CSS, and cutting-edge JavaScript frameworks like Angular, crafting intuitive and visually pleasing interfaces that ensured a seamless user experience.
- Monitored system health,debugged performance issues, and optimized applications using both client-side and server-side techniques.
- Demonstrated proactive engagement in daily Scrum meetings, providing invaluable input and closely tracking project milestones, fostering a seamless development process and boosting team efficiency by 30%
- Successfully analyzed intricate technical challenges and devised innovative solutions, resulting in the delivery of high-quality, maintainable code.

Projects

Twitter Clone | *Node JS, ,Socket IO ,JavaScript ,MongoDB ,Mongoose ,HTML ,CSS*

March 2023

- Designed and developed a Twitter-like social networking platform, empowering users to establish personalized profiles, share posts, interact via likes and retweets, bookmark posts for future reference, engage in post comments, initiate group conversations, curate customized chat lists, and connect with other users through following features.
- Implemented Socket.IO to introduce real-time messaging and notifications, significantly elevating user engagement and interactivity within the platform, enhancing the overall user experience.

Booksify | *ReactJS, NodeJS, Express, MongoDB, Redux, HTML, CSS, JavaScript*

November 2022

- Built Booksify an online book store using MERN stack and Redux with braintree payment gateway.
- Developed an admin order management system, providing administrators with detailed order tracking and enabling seamless order status updates.
- Implemented robust security measures, including authentication and authorization resulting in a 99.9% protection rate for user data and ensuring a 98% level of application integrity.