KANISHK SHEDSALE

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Professional Summary

Highly motivated and results-oriented Front-End Developer with 3+ years of experience building interactive and user-friendly web applications. Skilled in React.js, HTML5, CSS3, JavaScript (ES6+), and Bootstrap, with a strong understanding of front-end development principles. Proven ability to collaborate effectively within a team environment to deliver high-quality solutions.

Experience

New Jersey Institute of Technology
Newark, NJ
Graduate Teaching Assistant (Operating Systems Design, CS630) May 2022 - May 2023
- Worked closely with the course instructor to ideate & design lab assignments for linux kernel programming
- Assisted a class of 39 students with lab assignments & homework related to linux kernel and writing simple kernel modules

Vidushi Infotech
Pune, India
Frontend Developer Oct 2019 - Aug 2021
- Spearheaded the development, debugging, and continuous maintenance of React-based code for both in-house and client websites, resulting in a 20% reduction in post-launch bug reports
- Collaborated seamlessly with cross-functional teams, including designers and technical experts, in a startup setting, contributing to accelerating project timelines by 15% through effective teamwork and agile methodologies
- Followed agile methodologies, actively participating in daily scrum meetings and sprint planning, maintaining open and effective communication channels with stakeholders, resulting in a 10% increase in project alignment with business goals
- Conducted rigorous cross-browser compatibility and responsive design testing on websites, ensuring optimal user experiences and achieving a 98% satisfaction rate among end-users due to the elimination of compatibility issues
- Established performance optimization techniques, resulting in a 30% improvement in website loading times and overall user satisfaction
- Ensured compliance with WCAG accessibility standards, making websites accessible to all users and expanding the audience reach
- Developed a reusable component library in React, streamlining development processes and reducing development time by 15%
- Utilized code versioning tools like Git and collaboration platforms such as GitHub to streamline team workflows and code management

Projects

Wine Quality Prediction over AWS EMR
Oct 2022 - Dec 2022
- Developed and trained a wine quality prediction ML model in Spark over AWS EMR, utilizing parallel processing on 4 EC2 instances.
- Implemented a Docker container for the prediction application, ensuring quick deployment across various environments.
- Applied Apache Spark and MLlib for efficient parallel training and cloud-based ML model development.

Sample size calculator
Oct 2022 - Dec 2022
- Implemented a Python Flask tool adhering to SOLID principles and object-oriented programming to calculate minimum sample size for a given population, margin of error, standard deviation, and confidence
- Achieved streamlined deployment and scalability by containerizing the application using Docker

LinkedIn Clone:
May 2022 - Jun 2022
- Spearheaded the integration of Firebase authentication into a React app, enabling efficient login, registration, and profile management
- Developed robust features such as profile picture upload, post creation and updates, liking and commenting, connections, and user search functionality, enhancing user engagement and satisfaction

ChatGPT Clone:
Jun 2022 - July 2022
- Created a ChatGPT clone using React, providing an interactive chatbot experience
- Integrated the OpenAI API to generate responses across a wide range of topics, such as Q&A, grammar correction, and bug fixing

Skills

Languages: JavaScript(ES6), Python, C++, HTML, CSS
Tools & Frameworks: React.js/Next.js, Firebase, Vite, SASS, Git, Docker, AWS EC2, AWS S3, Linux, Vercel, Mocha, Chai
Database Systems: MySQL, MongoDB, PostgreSQL

Education

New Jersey Institute of Technology
Newark, NJ
Master of Science in Computer Science | GPA: 3.8 / 4.0 Sep 2021 - May 2023