

KANISHK SHEDSALE

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Education

New Jersey Institute of Technology

Newark, NJ

Master of Science in Computer Science | GPA: 3.8 / 4.0

Sep 2021 - May 2023

- Coursework: Software Design & Production Methodology | Cloud Computing | Web Systems Development | Data Management & System Design | Cryptography & Security | Security & Privacy in Computer Systems | Operating Systems Design | Data Structures & Algorithms | Internet & Higher Layer Protocols | Information System Principles

D.K.T.E's Textile & Engineering Institute

Kolhapur, Maharashtra, India

Bachelors in Information Technology

Jun 2016 - Sep 2020

Experience

Vidushi Infotech

Pune, India

Frontend Developer

Oct 2020 - 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

New Jersey Institute of Technology

Newark, NJ

Graduate Teaching Assistant (Operating Systems Design, CS630)

Sep 2022 - Dec 2022

- 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

Skills

Languages: JavaScript(ES6), Python, Java, C++, HTML, CSS

Tools & Frameworks: React.js, Node.js, Express.js, Next.js, SASS, Mocha, Chai, Git, Docker, AWS EC2, AWS S3, Linux, Vercel

Database Systems: MySQL, MongoDB, PostgreSQL

Projects

LinkedIn Clone:

<https://github.com/kanishk44/linkedin-clone>

- 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

SkyCast (Weather App):

<https://github.com/kanishk44/skycast>

- Designed and implemented a sleek weather application using React and Semantic UI React library
- Integrated the OpenWeatherMap API to provide users with real-time weather data, including temperature, humidity, sunrise, and sunset, tailored to their current location

ChatGPT Clone:

<https://github.com/kanishk44/ChatGPT-React>

- 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

Sample size calculator:

<https://github.com/kanishk44/sample-size-calculator>

- 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