Prathyusha Ponnaganti

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PROFILE SUMMARY:

Innovative and results-oriented. As a **React web developer** with **2 years** of experience, I've designed scalable, high-performing online applications. proficiency with React, HTML, CSS and RESTful APIs; a track record of raising user engagement and operational effectiveness. While working at Simple AI I worked on Generative AI technologies like stable diffusion, text to speech, OCR, and competent in test-driven development, CI/CD pipelines, resulting in the production of high-quality code and seamless deployments. Respected for ability to think creatively, quickly adapt to new technology, and solve challenges. At a leading tech company, committed to promoting creativity and offering exceptional customer experiences.

SKILLS:

- Front-end Technologies: React.js, Next.js, JavaScript, TypeScript, HTML5, CSS3
- Back-end Technologies: RESTful APIs, Node.js, Express.js, python
- Database: firebase, MongoDB, Postgres, MySQL
- Tools: Webpack, Git, AWS, Azure
- Other Skills: Automatic 1111 Stable diffusion, Azure cognitive services (TTS), AWS OCR
- Development Methodologies: Agile (Scrum), Test-Driven Development (TDD), CI/CD

EDUCATION:

B. Tech in **Civil Engineering**, NBKR Institute of science and Technology, 2020 – First Class (6.69%)

EXPERIENCE:

Vinisys (Generation India) | Jr. full stack Developer | 08/2022 – 01/2023

- Learnt HTML, CSS, Java script, React and build applications and professional practices as a developer and scrum master and agile methodologies.

Simple AI Powered | Web Developer | 01/2023 – 04/2024

- Spearheaded the development of high-traffic web applications using React, Next.js, resulting in a significant increase in user engagement.
- Working on latest AI technologies like Automatic 1111 stable diffusion, text to speech, OCR and may more.
- Designed and implemented custom components, forms, and interfaces, enhancing user interaction and satisfaction.
- Proactively debugged and resolved critical issues, reducing bug-related downtime by 30%.
- Introduced software patterns for extensibility and testability, boosting code reuse and maintainability.
- Collaborating with UX/UI designers to ensure a seamless user experience.
- Architected robust server-side logic with Node.js, facilitating dynamic web application functionality.

PROJECT DETAILS:

Neet AI tutor

- As a frontend developer, I've contributed to an innovative AI-based application aimed at aiding students in their NEET exam preparation. significantly enhancing functionality, user engagement and satisfaction.
- My work involved crafting a user interface that allows learners to take mock tests, schedule their study time, and challenge themselves with quizzes. Additionally, you integrated a Telegram bot to facilitate smooth communication.
- The application is engineered to be both professional and intuitive, ensuring that NEET aspirants have access to a comprehensive toolkit that enhances their study process and helps them approach their exams with confidence, improving overall process efficiency.
- And worked integrating AI tools like text to speech, OCR extractor.

TheSimpleAi.com & Endless stories web page

- Contributed to the development of Simple AI's company website
- Implemented web app with Responsive design.
- Oversaw the successful and improving performance and maintainability.

Endless stories

- Contributed to the development of Endless stories, on the backend side of the AI-based text-to-image generation application for iOS, my work involved integrating the Automatic 1111 Stable-diffusion model to translate text inputs into visually compelling images.
- Implemented Azure Text-to-Speech services, enriching the app with the capability to audibly narrate text content.
- Oversaw the successful and improving performance and maintainability.
- This backend infrastructure is pivotal in providing a seamless and comprehensive user experience, allowing for the effortless conversion of text to both image and sound, thereby catering to a diverse range of user interactions with the application.

Aws

- Deployments of all the above applications in Aws ubuntu 20.18 – Nginx server, and http and https configurations.