Manikonda Shraddha Rao

Chicago, Illinois | 815-333-6718 | shraddharaom@gmail.com
LinkedIn | *Github* | *Blog* | *Portfolio/Website*

SOFTWARE ENGINEER | FULL-STACK DEVELOPER

Results-driven software engineer with a strong foundation in programming and a passion for innovative technologies. Equipped with expertise in developing robust software applications and implementing efficient solutions. Experienced in collaborating with cross-functional teams to deliver high-quality projects on time and within budget. Combining technical proficiency with a creative mindset, consistently striving to push the boundaries of what is possible.

TECHNICAL SKILLS

Python *(Proficient),* **React.js** *(Proficient),* **Vue.js** *(Proficient)* **JavaScript** *(Proficient),* **C#** *(Beginner),* **Java** *(Beginner),* **HTML** *(Proficient),* **CSS** *(Proficient),* **Ruby on Rails** *(Proficient),* **Active Record** *(Proficient),* **Sinatra** *(Proficient),* **SQL | SQLite | PostgreSQL** *(Proficient),* **Node.js** *(Proficient),* **RESTful API** *(Proficient),* **Git | Github** *(Proficient)*

TECHNICAL PROJECTS

ATM Interface (java & React) - *Github*
This project aims to develop a full-stack Java and React application for an ATM interface
- Implemented user management, transactions, and PIN changes with dedicated API endpoints.
- Built a user-friendly interface with React components for account information, transactions, and PIN management.
- Utilized libraries like Axios and Spring MVC for efficient communication between Java backend and React frontend.
- Deployed the application to a cloud platform for accessibility.

EqualEd (Rails & React) - *Github*
EqualEd is a learning platform to provide equal educational opportunities for all students, particularly those with disabilities.
- Developed an educational platform focused on accessibility for students with disabilities.
- Utilized technologies like Ruby on Rails for the backend, React.js for the frontend, and PostgreSQl for database management.
- Integrated OpenAI-Ruby for advanced feature like dynamic language transition and one-link summarization..
- Implemented Devise for user authentication.

PeerCashew (Rails & React) - *Github*
PeerCashew is a peer-to-peer lending platform that allows borrowers to connect with investors and obtain loans
- Designed and implemented a database schema and model relationships using ActiveRecord, ensuring efficient data management. Developed a custom controller method for loan calculations, allowing borrowers to check interest rates based on the loan.
- Led the development of a full-stack web application using Ruby on Rails, React**,** and several complex APIs, providing a comprehensive solution for borrowers and lenders.
- Designed and implemented custom CSS and Bootstrap for a visually appealing and user-friendly interface, resulting in a high level of user satisfaction and engagement.

EXTRA-CURRICULAR AND CERTIFICATIONS

JPMorgan Chase & Co. Software Engineering Lite virtual experience program on Forage | *Credential*   10/2023
- Completed a simulation focused on the process of completing an engineering ticket for a system in the credit card rewards department of JPMorgan Chase & Co.
- Created a new class to get an existing system up and running
- Wrote a test suite for the class added

IBM Developing AI applications with Python and Flask | *Credential*   09/2023
- Successfully designed and developed an Emotion Detection app using Python and Flask as part of the course project.
- Implemented machine learning models for emotion recognition and integrated them into the Flask app.
- Conducted through unit testing to ensure the app's reliability and robustness.

WORK EXPERIENCE

PatientStudio | *PatientStudio.com*   Remote
UI Engineer Intern   09/2021 - 03/2022
- Created UI components to execute front-end queries and mutations in React framework.
- Conducted sprint stand-ups for a cross-functional team to discuss feature development and bug fixes.
- Created patient form pages with API integration & reusable components.
- Developed a redesigned chat widget for patients and doctors communication.

EDUCATION

Flatiron School   Chicago, Illinois
Software Engineering   11/2022 - 03/2023

Coventry University, Raffles College of Design & Commerce, Raffles College of Higher Education   UK, India, Singapore
Bachelor of Arts (Honors) in Fashion, Bachelor in Design and Commerce, Advanced Diploma in Fashion Design   03/2013- 06/2018