Shreya Juka Reddy

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Education

University of North Carolina - Charlotte **January 2024 - Present**
*Master of Science in Computer Science, GPA: **3.75*** *Charlotte, North Carolina*
Relevant Coursework: Algorithms, Software Security, System Design
Database Management Systems

ICFAI Foundation for Higher Education **July 2018 - May 2022**
Bachelor of Technology in Computer Science and Engineering *Hyderabad, India*

Technical Skills

Programming languages: Python, C++, Java, SQL, C
Technologies: HTML, CSS, JavaScript, AWS, Azure
Frameworks/Libraries: React JS, JSON, Django, jQuery, Bootstrap, Tailwind CSS, NumPy, Angular
Databases: MySQL, DynamoDB, Aurora, PostgreSQL, MongoDB
Tools: Git, GitHub, VS Code, Jenkins, Docker, Linux, Oracle VM, Postman,Strapi, GraphQL, Tableau, R Studio, Figma

Experience

Healthnet Global Limited (Apollo Hospitals) - Full Time **June 2022 - December 2023**
Software Engineer - Full Time *Hyderabad, India*

- Implemented robust features within the application, enabling seamless patient registration processes, capturing essential information accurately, and ensuring a smooth onboarding experience for patients.
- Designed and integrated a comprehensive doctor prescription module, empowering healthcare professionals to generate electronic prescriptions efficiently, reducing paperwork by 70 percent
- Developed a sophisticated patient billing system within the application, automating the billing process, generating accurate invoices, and ensuring timely payments, contributing to efficient revenue management for Apollo Clinics.
- Collaborated with cross-functional teams to gather requirements, conduct testing, and provide technical support, ensuring successful implementation and adoption of the application across 250+ Apollo Clinics locations all over India.
- Tech Stack: Next.js, Nest.js, MongoDB ,Angular, Auth0.

Healthnet Global Limited (Apollo Hospitals) - Internship **January 2022 - June 2021**
Software Engineer - Intern *Hyderabad, India*

- Successfully contributed to the development of a robust and efficient system for generating estimate bill printouts and invoices for Apollo Clinics' customers using Blob
- Collaborated closely with medical professionals to understand their specific requirements and Engineered personalized forms to collect patient information, facilitating seamless data collection and optimizing the efficiency of healthcare services.
- Tech Stack: Next.js, Nest.js, MongoDB ,Angular, Auth0.

Block For Trust Private Limited - Internship **March 2021 - June 2021**
Front End Developer - Intern *Hyderabad, India*

- Worked on building Multivendor E-commerce website using Word Press and Elementor. Added The UPI Payment Gateway system, Produced wireframes, and crafted prototypes using Adobe XD
- Improvement of core website functionality by fixing broken links and errors in order to create a more intuitive site.
- Tech Stack: HTML, CSS, JavaScript, ReactJs, WordPress, Adobe XD.

Projects

Full Stack Blood Donation Application | *Html, Tailwind CSS, Java Script, Next Js (React), Node, MongoDB*

- Developed a comprehensive blood donation platform facilitating user registration as donors or for blood requests, utilizing secure authentication mechanisms for login and account management. Created robust APIs for functionalities like registration, blood requests, and data retrieval. Designed an intuitive dashboard for managing donations and requests, and implemented a notification system for blood request statuses and donation opportunities.

Weather Forecasting Application | *Python, Pandas, Matplotlib, openWeatherMap API, Kaggle*

- This app will fetch the data from the API, format that data, and display the weather conditions, including temperature, humidity, wind speed, and forecast, delivering a comprehensive weather experience for users based on user input.
- Integrated historical weather data from Kaggle to analyze trends, visualize patterns, and provide users with insights on long-term weather conditions through interactive charts and graphs.