Indhu Yelineni

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EDUCATION

Master of Engineering in Computer Science | University of Cincinnati| Cincinnati, OH | GPA: 3.75/4.00 | **April 2023**
Relevant Coursework: Operating Systems, Advanced Algorithms, Cloud Computing, Software Testing
Bachelor of Technology in Information Technology | Prasad V Potluri Siddhartha Institute of Technology | Vijayawada, India | CGPA: 9.42/10.00 | **March 2020**

SKILLS

Programming Languages / Web: C, JavaScript, Java, Python, HTML/ HTML5, CSS/CSS3, XML, Typescript, JSON
UI Frameworks: React JS, Angular, Bootstrap, CSS, Tailwind CSS, SASS, SCSS, Material UI, SpringBoot, REST API, .NET, Node JS
Databases/Tools/Others: MySQL, Mongo DB, GIT, Github, GitLab, Bit Bucket, Docker, JIRA, Confluence, Postman, Figma, NPM
IDE/Editor: Visual Studio Code, IntelliJ, Visual Studio, NetBeans, Eclipse, Sublime Text3

PROFESSIONAL EXPERIENCE

Software Developer| London Computer Systems | July 2023 - Present
- Spearheaded development in Rent Manager Express, a full-stack web application, utilizing Angular and .NET frameworks alongside powerful software tools.
- Played a key role in researching and developing new features for Rent Manager Express, ensuring seamless alignment with the RM12 desktop application.
- Proactively identified and resolved existing issues within the Rent Manager Express web application, enhancing performance and user experience.
- Designed and developed robust backend APIs to seamlessly fetch and integrate data from RM12 into Rent Manager Express, enabling smooth information flow and empowering users with comprehensive data access.
- Developed and implemented multiple resuable components for Rent Manager Express, increasing code efficiency and maintainability.
- Designed and built key UI/UX features like improved payment processing (80% increase in customer completion rates), advanced filtering tools, and more, enhancing user engagement and streamlining workflow.
- Actively participated in daily **scrum** meetings, fostering collaboration and ensuring timely delivery of high-quality deliverables.

Software Engineer| ValueLabs | June 2020 – June 2022
- Played a key role in the design and implementation of the integration tool named Issue Management System using **Angular** which extended revenue and helped to reduce more than 70% dependency on L3 support teams.
- Pioneered the full-stack development of applications using **React JS** and **Spring Boot.**
- Eliminated the involvement of the developer in executing multiple database queries by developing the **REST APIs** which automates the recurring production issues.
- Received client appreciation for solving critical production issues in the existing applications.
- Identified and resolved numerous production issues and bugs which increased the application's efficiency by more than 50%.
- Migrated the existing Incircle application with the latest UI technology **React JS**.
- Actively participated in daily **scrum** meetings to produce quality deliverables on time.

Software Developer Intern | ValueLabs | December 2019 – March 2020
- Played an active role in **JS** training sessions and received positive feedback from the senior developers for my contribution to the web app.
- Spearheaded the development of an e-commerce web portal by creating efficient design and **reusable UI** components which meets accessibility and web browser standards.

PROJECTS

Rent Manager Express (RMX)
- Meticulously implemented numerous features in Rent Manager Express, flawlessly matching the functionality of the Rm12 desktop application, providing a consistent and familiar experience for users.
- Spearheaded code refactoring initiatives which improved performance and long-term stability.
- Played a pivotal role in upgrading and optimizing existing functionalities, driving continuous improvement and feature richness within the web application.
- Proactively identified and eliminated critical bugs in the Rent Manager Express web application, ensuring optimal performance and stability.

Incircle | https://www.incircle.com/
- Designed and implemented the web app using **React JS.**
- Refactored the implementation of the privacy and security page.
- Suggested more efficient solutions for the design and implementation which saved ~20 hours of the developer's time in each sprint.

Lifetouch
- Refactored the implementation of the backend APIs to automate the recurring production issues which increased the application's efficiency by more than 50%.
- Suggested more efficient solutions for fixing the bugs and also the design and implementation of the new features.

- Designed and implemented the integration tool named Issue Management System using **Angular** and **Spring Boot.**

Amazon Clone | https://clone-1e098.web.app/
- Crafted an easily scalable way of integrating third-party APIs like **Amazon Marketplace** into the application.
- Developed the similar e-commerce web application like Amazon including the features like login functionality, checkout page, and also the payment gateway using Stripe.

Memory Game | https://indhu-github.github.io/Memory-Game/
- Designed and developed an open-source memory-matching game using React JS.

Advice Generator | https://indhu-github.github.io/Advice-generator/
- Developed the Advice Generator responsive web app by fetching the API and displaying the random quotes from the JSON data.

Spotify Clone | https://spotify-clone-a62e8.web.app/
- Developed a similar music web application like Spotify using the Spotify developer API which includes login functionality, responsiveness, fetching the playlists, play/pause the song, navigate to the previous and next song.

React Skeletons Screen | https://indhu-github.github.io/React-Skeletons-Screen/
- Headed the creation of a loading screen using React JS that displays the skeleton structure of the web page before fetching the data from the backend API.
- Integrated API fetching and implemented the logic for the loading screen.

Google Clone | https://clone-f8121.web.app/
- Headed the creation of a Google Clone which is the similar product as Google Search Page.
- Integrated search functionality, responsiveness, fetching the Google API, and also the display of results along with the count of the results.

AWARDS

Employee of the Month | ValueLabs | 2021