

RamaDevi Kollu
207 Park Ave Apt 1, Youngstown, OH 44504 | Kolluramadevi72@gmail.com || +1 (330)-775-6742
| LinkedIn www.linkedin.com/in/ramadevi-kollu-04535a1a1 |

Technical Skills

Programming: Android studio, Kotlin, C++, Java, Python, MySQL, HTML, CSS, XML.
Software: Visual Studio, Source tree, Bitbucket, Git, Jenkins, IBM Rational Rhapsody, HMIC Designer, Firebase, GitHub, JIRA.
Designing Software: UI &UX Design, Figma, Illustrator.
Network Protocols: TCP servers, mail server.
Security: Firewall Configuration, VPN Implementation.
Testing: Manual testing, Automation (JAVA Selenium).
MS Office: Word, Excel, Power Point, Outlook.

Education Details:

Youngstown State University (YSU), Youngstown, OH **Anticipated: May2024**
Master of Computing and Information Systems

Malla Reddy Institute of Technology (Jawaharlal Nehru Technological University), Hyderabad, India
Bachelor of Technology in Computer Science
November 2020

Work Experience:

Title: FCC & RCC HMI **Role:** Junior Software Engineer Jan 2021 – Dec 2022
People Tech GM (General Motors) – Hyderabad

- Development of HMI applications for 4-wheeler car head units. emphasizing navigation assistance and user-friendly controls.
- Here we develop and enhance HMI applications like virtual controls, HVAC, and seat status applications based on the specification.
- Played a key role in designing the architecture for a single app, showcasing expertise in creating scalable and efficient software solutions.
- Implemented functionality using QT Creator and QNX, showcasing proficiency in developing features and functionalities within the Qt and QNX frameworks.
- Leveraged Rhapsody (IBM) for screen transition modeling.
- Developed and deployed scalable server applications using TCP/IP protocols, optimizing network performance and responsiveness.
- Implemented secure socket communication, enhancing data integrity and confidentiality for client-server interactions.
- Conducted thorough testing and troubleshooting of TCP-based systems, resolving connectivity issues, and optimizing data transfer rates.

Technical Project:

Title: Sustainable Living Challenges, **Role:** Designer and Programmer, **YSU College** Feb 2024

- Developed an Android application using Kotlin, Android Studio, Firebase Authentication, and Firebase Fire Store to promote sustainable living practices.
- Utilized Figma to create detailed wireframes and mockups, ensuring a cohesive and visually appealing user interface design for the app.
- Designed and implemented a responsive web application using HTML, CSS, and JavaScript, leveraging frameworks like React to engage users in sustainability challenges.
- Built a robust backend system using Node.js with Express or Python with Flask to manage user data and facilitate challenge creation.
- Integrated MySQL databases to store user information, challenge data, and analytics insights.

- Successfully developed APIs for crucial functionalities like user authentication, challenge management, and data storage, ensuring smooth integration between the front-end and back-end.
- Conducted comprehensive unit testing and integration testing, followed by usability testing with beta testers, addressing bugs, and optimizing app performance to deliver a polished and user-centric final product.

project:

Title: web Application.

Role: Designer and Programmer,

- worked on various programming languages to create user-friendly web pages, which were built including a high-quality mockup and from multiple design prototypes.
- I worked on Python, C++, Android application development, and web development to ensure ease of use for customers to generate satisfaction and repeat customers and clients.
- Design mobile-based features for various content and systems, which allowed production to increase.
- Performed white box testing using Selenium (JAVA) to troubleshoot and mitigate issues for launch.
- We have partnered with Assure NXT Tool, Android Studio, Java JDK 17, and Oracle SQL to innovate.

Certifications:

- | | |
|---|------|
| • Workshop Organizer, National Technical Symposium Certification Course in Artificial Intelligence and Machine Learning using Python” | 2018 |
| • SAFe Scaled Agile Framework, People Tech Pvt. Ltd. | 2022 |
| • Scrum Master, People Tech Pvt. Ltd. | 2022 |