

RAGHAVI SAMALA

Software Engineer

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Experience

August 2024 – Present

Bank of America, Hyderabad — *Software Engineer*

February 2024 – August 2024

OpenText, Hyderabad — *Software Developer Intern*

- Collaborated with QA leads and development teams across two projects, leveraging manual and automated testing to enhance system efficiency by 20%.
- Identified, documented, and reported over 20 critical bugs, increasing software stability by 15%.
- Created and executed 10+ test scripts, reducing manual testing by 30 hours per week and boosting product quality by 10%.
- Conducted comprehensive test evaluations, leading to a 10% improvement in product quality.

Education

December 2020 – August 2024

BVRIT Hyderabad College of Engineering for Women — *B.Tech in Computer Science and Engineering*

CGPA: 7.67

SKILLS

- Programming: C, C++, Python

PATENT PUBLICATION

Accident Detection and Alert System

Indian Patent Application No. 202441049419

- Filed: June 27, 2024
- Publication Date: August 25, 2024

PROJECTS

Quick Life Saver (IoT Project)

- Developed Quick Life Saver, a system integrating communication, location tracking, and sensor technology, reducing emergency response time.
- Leveraged GSM, GPS, piezo sensors, and Arduino technology to design a comprehensive solution.
- Directed a team of three, achieving project milestones and delivering a functional prototype.

Secure Home (IoT Project)

- Contributed to the development of the Secure Home project, focusing on enhancing home security measures.
- Instituted advanced theft event identification systems as part of the project's objectives.
- Managed design and deployment phases, ensuring project goals were met within the scheduled timeline

Classification of IMDB Movie Reviews (Machine Learning)

- Developed a sentiment analysis model to classify IMDB movie reviews as positive or negative. Utilized a dataset of 50,000 IMDB movie reviews for training and testing the model.
- Implemented a CNN-LSTM hybrid model for enhanced sentiment classification and achieved the highest accuracy of 88.2% with the CNN-LSTM mode.
- GitHub repository link : [GitHub Repository](#)

Webopedia (Full Stack Development)

- Engineered an interactive educational platform with 10+ tutorials on programming languages.
- It serves as a valuable resource for individuals looking to learn and expand their knowledge in different fields.
- GitHub repository link : [GitHub Repository](#)

CERTIFICATIONS

- Python (Basic) Certificate
- SQL (Basic) Certificate

ACHIEVEMENTS

- Finalist in Telangana Got Tech Talent Road Safety Hackathon among 2,500+ participants.
- Ranked in the top three at CodeCombat, a tech event at Medanvesh.
- Selected among the top 10 teams at the National Idea Hackathon by NIT Jamshedpur.

LANGUAGES

- English
- Telugu
- Hindi

PERSONAL INTERESTS

- YouTube Content Creation
- Playing Badminton