

Harsha Bandlamudi

Full Stack Developer


Experienced software engineer with a passion for developing innovative programs that expedite the efficiency and effectiveness of organizational success. Well-versed in technology and writing code to create systems that are reliable and user-friendly. A skilled leader who has the proven ability to motivate, educate, and manage a team of professionals to build software programs and effectively track changes. A Confident communicator, strategic thinker, and innovative creator to develop software that is customized to meet a company's organizational needs, highlight its core competencies, and further its success.


CONTACT

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EXPERIENCE

Software Engineer

Cognizant Technology Solutions, India

Project Name : Engage Member

July 2018 - July 2021

Engage member is a web application that acts as an intermediary between healthcare payers and members who purchased healthcare plans.

Responsibilities:

- Collaborate with different teams and product managers to develop requirements.
- Develop the front-end of applications through appealing visual design and accessibility compliance standards.
- Develop and manage well-functioning databases and back-end services.
- Test application to ensure responsiveness and efficiency.
- Write technical documentation.

Key Achievements:

- Developed a framework that increases the performance of the application by 42%.
- Automated more than 50% of the testing workflow.
- Planned, tracked, and managed deliverables on 100+ short-term sprints and 50+ long-term deployments.
- Documented 100% of technical specifications and dependencies of applications.
- Implemented good security practices and development design patterns.

Project Name: Engage Admin

Engage Admin is the application where CSR(Customer Service Representatives) can login and help members with their queries.

Responsibilities:

- Develop an application based on business requirements.
- Collaborating closely with the team to support projects during all phases of delivery.
- Building complex interactions in a performant way, with a high degree of polish.
- Develop websites that perform well on all devices using modern languages and frameworks.

Key Achievements:

- Developed an AI bot that can assist customers with their queries.
- Created a custom dashboard that reduced customer support tickets by 50%.

Developer

Cardiff University, UK

Robot Interaction with fall detections using cameras

July 2022 - Present

This project uses a robot called Mylo to integrate with a camera to take live video and detect different stages of a person falling (falling on the ground, trying to get up, back up). These states would trigger different responses to the robot (API) that would help in assistive care such as asking the individual if they are OK the first time they fall or if they are having trouble getting up.

Responsibilities:

- Developed an efficient Deep learning model that detects abnormal activity.
- Review and debug code to identify defects, performance bottlenecks or technical debt.

SKILLS

Front-End Technologies:

REACT ANGULAR JAVASCRIPT CSS

Back-End Technologies:

JAVA SPRING BOOT NODE PYTHON

Databases:

MYSQL MONGODB

Cloud:

AWS AZURE

Machine Learning:

DEEP LEARNING CLASSIFICATION

REGRESSION

EDUCATION

Master of Science

Sept 2021 - Sept 2022

Major: Artificial Intelligence

CGPA: 4.1

Cardiff University, UK.

Bachelor of Engineering

Sept 2014 - Sept 2018

Major: Computer Science and Engineering.

CGPA: 8.3

Sathyabama University, India.

SHORT COURSES

Penetration Testing & Bug Bounty Hunting.

Udemy - 2021

AWARDS

Top performer for two consecutive years.

Awarded 1st place in project hackathon.

REFERENCES

Available on request.