VIDISHA GUMMADI

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EDUCATION

Santa Clara University, California, USA	**September 2019 - June 2021**

Master's in Computer Science and Engineering

Jawaharlal Nehru Technological University, Hyderabad, India	**September 2014 - June 2018**

Bachelor's in Computer Science and Engineering

Relevant Courses: Data Structures, Analysis and Design of Algorithms, Database Management Systems, Operating Systems.

SKILL SETS

Programming Languages & Web technologies: Java, C++, C, Python, JavaScript, HTML, CSS, React native.
Database Technologies: MYSQL, SQLite.
Version control & Frameworks: Android Studio, GitHub.
Design Principles and SDLC: ER Diagrams, UML Diagrams, Agile methodology.

PROFESSIONAL EXPERIENCE

SCU Frugal Innovation Hub, Santa Clara University, United States	**December 2019 – Present**

Software Developer
- Working on development of a mental health application, UFEEL app, for Santa Clara University students designed in collaboration with the Public Health Department to promote wellbeing and mental health awareness.
- Ensuring that the Application provides support and emergency resources to users.
- Technology Stack: React Native, HTML, CSS, JavaScript

United Health Group – Optum Global Solutions, Hyderabad, India	**June 2018 - August 2019**

Associate Software Engineer
- Worked on an application for claims adjudication processing in United Health Group.
- Involved in writing code snippets for the development of new workflows in the application which enhance the claims adjudication process for the large inflow of claims, improving the output by 12%.
- Developed end to end understanding of project application and involved in testing the workflows and fetching data efficiently using MYSQL and maintaining data integrity.
- Involved in the continuous enhancements and fixing of production issues. Rendered extended support to the team in documentation and deployment.
- Acquired, integrated and processed Healthcare Domain in the IT industry.
- Awarded with two Spot Awards as a recognition of compassion and integrity towards work.

Alltronics Technologies PVT LTD, Hyderabad, India	**September 2017 - February 2018**

Software Engineering Intern
- Worked on creating a new dashboard for monitoring IOT devices.
- Worked closely with the team to analyze the data from different sensors.
- Integrated data visualization on the analyzed data using data visualization libraries like matplotlib and plotly.
- Involved in requirement gathering & analysis and creating solutions for business scenarios.
- Supported the team in documentation and deployment activities.

ACADEMIC PROJECTS

1. **Book It**
   - Built a peer-to-peer book rental app that will primarily run on the Android Operating System. This app will allow students to rent out their books to classmates and customers for a while, albeit with a small cost using SQLite, FCM, XML, JAVA.
2. **Image Detection**
   - Developed a chatbot interface to describe an image and to get related information about the image.
   - Created a friendly chatbot system that describes what are the objects, colors, landmark, and facial expression of a person with a given image by the user. Used Python, Heroku-cloud and Google Cloud Vision API.
3. **Trader-Bot**
   - Developed a python application to automate trade in cryptocurrency markets using Bittrex API. This application can make high frequency trading in cryptocurrency markets to maximize the profit.
   - Implemented using Python, Restful API and AES encryption algorithm.
4. **Conference Room Booking System**
   - Created a single page web application that allowed the users to book the conference rooms at their desired time & location.
   - Implemented the secure login feature for authorized user to make room bookings on the website using technology stack as such as JAVA, HTML, CSS, MYSQL.