

# SANKETH DODDAPANENI

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## OBJECTIVE

Seeking a challenging full-time position that will utilize my skills in software/application development.

## EDUCATION

**Master of Science** - Computer Software Engineering, **Specialization** - Cloud Computing and Virtualization  
San Jose State University, San Jose, CA, USA

**Relevant Course Work:** Cloud Technologies, Virtualization Technologies, Web and Data Mining, Enterprise Software Overview, Enterprise Distributed Systems, Software Systems Engineering, Web UI Design and Development, Database Systems

**Bachelor of Technology** - Computer Science and Engineering  
Jawaharlal Nehru Technological University, India

## LANGUAGES AND TECHNOLOGIES

**Programming Languages:** Java, C, XML, PHP

**Web Technologies:** HTML5, JSP, Servlets, Bootstrap, JavaScript, Apache Tomcat

**Design Skills and Operating Systems:** UML, Windows, Android, Linux

**Database Systems:** MYSQL, Mongo DB

## ACADEMIC PROJECTS

**Smart Health Analysis Using Wearable Technology Devices:** Used Node JS, MYSQL, Amazon EC2, Fitbit, Android Development tool kit, Java, JavaScript, HTML, CSS

- Developed a Web and Android application for users to manage their health by giving recommendations.
- Provided Heart Disease Predictions based on data mining algorithms.
- Implemented Doctor portal for doctors to check appointments and give feedback to users based on their Fitbit and health data.
- Integrated Fitbit in our Web and Android application.

**Automatic Class Attendance System:** Used Raspberry Pi 3, RESTful web services, MYSQL, Go-Lang, Python, Java, Android Development tool kit.

- Developed an Android application for students to record their attendance
- Implemented RESTful web services in mobile app to communicate with database
- Raspberry Pi 3 with BLE sensor is used to detect Bluetooth Mac Address

**Health Plus Connect:** Used Bootstrap, MySQL database, HTML, CSS, Google Maps API

- Developed a web application for doctors and patients to communicate better
- Implemented Google Maps API in patient portal to view nearby hospitals and book an appointment
- Focused on UI related features like 3D Globe, High Charts, Localization, Search Engine Optimization

**Opinion mining on Presidential Candidates from Social networking:** Used Twitter API, RESTful Web services, NLTK, Python, Amazon EC2, IBM Watson Tone Analyzer.

- Running real time sentiment analysis for predicting the presidential candidates from twitter data
- IBM Watson Tone analyzer is used to show different emotions from the tweets like anger, joy
- Hybrid classifier (Naïve Bayes, Linear SVC, SGDC) is used for accuracy.

**Food Clearance App:** Used Android Development kit, Google Cloud Messaging, Java, PHP, MYSQL.

- Developed two android applications (one for customer and another for store owners) to reduce food wastage in the consumption phase
- Users can search for nearest stores by zip code and subscribe the selected stores by seeing their offers
- Google Cloud Messaging service is used to get notifications for the subscribed users.

**Fly Harry Fly:** Used Greenfoot, Java, Scrum methodology

- Developed an interactive game in Greenfoot using Java
- Implemented five Gang of Four design patterns (State pattern, Decorator pattern, Observer pattern, Factory pattern and Command pattern)
- Scrum methodology was practiced during game development