

# PRUDHVI BOBBA

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## EDUCATION

**Master of Science in Computer Science**  
University of Texas at Dallas, Richardson, TX

**Expected December 2023**  
**GPA:3.38/4.0**

**Bachelor of Technology in Computer Science**  
VNRVJIET, India

**July 2016 - May 2020**  
**GPA:3.4/4.0**

## TECHNICAL SKILLS

- **Programming Languages:** C, C++, JAVA, HTML, CSS, React.
- **CRM Tools:** Microsoft dynamics 365, Salesforce
- **Database Languages:** SQL, MySQL, PL/SQL.
- **IDE:** Eclipse, IntelliJ, Net Beans

## WORK EXPERIENCE

**Software Engineer at ValueLabs, India**

**July 2020 – Dec 2021**

- Developed CRM infrastructure to clients using Microsoft Dynamics 365
- Developed certain plugins to meet the business requirements of the clients using C# and .NET
- Developed and designed various workflows, customized forms, and used JavaScript to define the functionalities of the form for a medical company

**Software Engineer Intern at ValueLabs, India**

**Jan 2020 – March 2020**

- Developed macros for a client to help clean their database using information from D&B hoovers
- Trained on the insights of Microsoft Dynamics 365 and salesforce
- Developed an IT ticketing System using java

## ACADEMIC PROJECTS

### Payroll Management System

- Created a management system which will monitor aspects related to the payroll.
- Main features of this project are to add, modify, delete employee records accordingly, printing employee salary slip
- This project contains several classes and subclasses which is comprised of many features

### Spark Streaming with Twitter and Kafka

- Created a Spark streaming application, which will continuously read data from Twitter and perform sentiment analysis
- This analysis data is sent to Apache Kafka. A pipeline using Elasticsearch and Kibana will read the data from Kafka and analyze it visually
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### Parkinson's Disease Detection

- Machine learning concepts were used in this project to determine the outcome
- Datasets of both healthy persons and persons suffering from the disease were taken into consideration
- This data was used to compare and validate the inputs using Machine Learning's SVM classifiers and regression techniques

### Automated Infant Monitoring System

- The purpose of the proposed system is to create a Smart Neonatal Monitoring System that uses data from heartbeat and temperature
- The Machine Learning Algorithm (KNN Classification) is used for further investigation, with graphs depicting the neonate's performance

## EXTRA-CURRICULAR

- General secretary of "Dramatrix" a cultural club at VNRVJIET
- Core team member of Student Activity Center (SAC) in undergrad .