

# Anagha Viswanath

SANTA CLARA, CALIFORNIA

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## Education

### Santa Clara University

MASTER OF SCIENCE IN COMPUTER SCIENCE & ENGINEERING

GPA : 3.4

Related Courses: Web Architecture, Algorithms, Database Systems, Data Mining, Artificial Intelligence

Santa Clara, CA

Sept 2022 – June 2024

### Nitte Meenakshi Institute of Technology

BACHELOR OF ENGINEERING IN INFORMATION SCIENCE & ENGINEERING

CGPA : 8.84/10

Related Courses: Algorithms, Database Systems, Machine Learning, Unix, Web Development.

Bangalore, India

Aug 2016 - Aug 2020

## Experience

### Wipro Technologies

PROJECT ENGINEER

Bangalore, India

Sept 2020 - Aug 2022

- Migrated on-premise data management from Microsoft Excel to Azure SQL database, also created SQL procedures to perform Excel formula calculations and store them into SQL Tabular data which improved data reliability to 90%.
- Scripted SQL procedures to perform Extract, Transform, and Load (ETL) operations on 100K employee data from SAP Hana for Wipro's crisis management team, improving data accuracy by 99%.
- Optimized SQL compliance procedures (up to 95%) and executed other Wipro Global Immigration Management Services-related tasks, resulting in an increase in efficiency by 75%.
- Delivered backend engineering support for Cisco's PaaS product by ensuring 80% test coverage of unit tests using Python, Robot Framework and Pytest.

### Canbank Computer Service Ltd.

SOFTWARE ENGINEER INTERN

Bangalore, India

Jun 2019 - Jul 2019

- Developed a user-friendly web application to automate the Performance Bank Guarantee generation process, resulting in the elimination of the previous paper-based system.
- Utilized ASP.NET and Microsoft SQL Server to create a solution that improved the efficiency of the process by 50%.

## Skills

Programming Languages	Python, Java, C, C++, PHP, Bash
Web Technologies	React.js, HTML, CSS, JavaScript, JQuery, Flask, ASP.NET, PowerBI
DataBase	MySQL, PLSQL, Microsoft SQL Server, SAP HANA
Cloud Technologies	Amazon Web Services(AWS), Docker, Kubernetes
Libraries and Frameworks	Pandas, NumPy, Scikit-learn, Matplotlib, TensorFlow, Keras

## Projects

### Give4Good

[Github](#)

- Developed a full-stack web application using HTML, CSS, JavaScript, React, Google Maps API, Python, Google Auth, and MySQL.
- Enabled users to locate and mark individuals on Google Maps, bridging the gap between NGOs and people in need.

### Personal Website - About Me

[Github](#)

- Configured a domain name and Amazon EC2 instance server to host the personal website.
- Built the website using HTML, CSS and JavaScript.

### Master Robot

[Github](#)

- Created a web application for online comic book store customers to order comics and movies.
- Designed and implemented the backend using Oracle database, PL/SQL procedures, and PHP with HTML and CSS for frontend.

### Leukemia Detection

[Github](#)

- Developed an image classification model using Keras with TensorFlow backend, capable of identifying Leukemia from white blood cell images.
- Constructed the UI with Python, Flask, HTML, CSS, and JavaScript.

## Achievements

**HackForHumanity** - Participated in teams of 6 in Hackathon for Humanity 2023 conducted by SCU.

[DevPost](#)

**ERCICA Publication** - Published paper titled "Detection of Leukemia Using Convolutional Neural Network".

[Paper](#)