

# HARSHIT MUKESHBHAI SANGHVI

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## EDUCATION

California State University, Long Beach, CA

Aug 2021 – Expected April 2023

Master of Science; Major in Computer Science

**Coursework:** Data Structures & Algorithms, Adv Programming Languages, Adv Software Engineering, Pattern Recognition

LDRP Institute of Technology & Research, Gandhinagar, Gujarat, India

July 2016 – June 2020

Bachelor of Engineering; Major in Computer Engineering

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript, C++, HTML, CSS, PHP

**Frameworks and Technologies:** Node.js, Django, Docker, NLP, REST API, Flask, Git, GitHub, Spring Boot, Angular, React, Vanilla JS, jQuery, JSON, SOAP XML, AWS, Azure, Vue.js, Redis, Express

**Databases:** MySQL, MongoDB, Firebase, PostgreSQL, DynamoDB, NoSQL

## WORK EXPERIENCE

Software Engineer Intern | Glidewell Dental | Irvine, California, United States

June 2022 - Present

- Developed the application with **high level UI & services** where customers can check and track their dental treatment online
- Increased the performance of application by using **AWS Lambda Functions, API Gateway, EC2, Elastic Search, S3 bucket**
- Automated Software Delivery process using **CI/CD Pipelines** for building, lint, unit testing, deploying code, etc. using **Jenkins**
- Programmed new **Micro/Web Services** using **REST API** in **C#** & utilized **git** to manage collaboration with team for teamwork
- Created the application using **.NET** with **high scalability** of the application, by **containerizing** them using **Docker, Kubernetes**
- Enabled **agile development** by enhancing **analytical thinking, sprint planning, task estimation, retrospective planning**, etc.
- Developed functionalities of applications using **JavaScript, Typescript, C#, Node.js, MongoDB, Angular, Rest API, AWS**, etc.

Software Engineer | Cybercom Creation | Ahmedabad, Gujarat, India

July 2020 - July 2021

- Developed an **on-demand full-stack food delivery web application** like grubhub to buy products optimally with varied features like real-time delivery tracking, automated invoice generation & secured payment gateway with high performance
- Analyzed and automated sequence of **MySQL** database queries and **developed APIs** using **Node.js/Express (ES6)**
- Enhanced the authentication by building an **OAuth2** module using client credentials **empowering security** of client identity.
- Implemented functionalities of applications using **JavaScript, Node.js, Angular, React, Rest API, jQuery, Django, Python**.

Software Engineer Intern | eClinicalWorks Pvt. Ltd. | Ahmedabad, Gujarat, India

Feb 2019 – July 2019

- Improved the security of health software by developing an anti-theft application which triggers an alarm to the clients if unauthorized users access their system preventing identity-theft attacks & enhanced **communication skills** with **SCRUM** team
- Coordinated and linked computer systems within the organization for better compatibility and secure information sharing.
- Built the web application using **Java, JSP, JDBC, Servlet, Rest API for backend & JavaScript, HTML and CSS for frontend**.

Software Engineer Intern | Arihant AI | Ahmedabad, Gujarat, India

May 2018 – Dec 2018

- Developed web application for selling products online based on interest of the user and used **HTML, CSS, JS for frontend**
- Programmed web application using **HTML, CSS, JavaScript, Python, NLP, Neural Networks, TensorFlow & Django Framework**.
- Accelerated project's speed by working as an error finder to detect errors in the program by testing, debugging, etc.

## PROJECTS

### Restaurant Management System

- Developed an online platform that manages restaurant ordering system where waiter takes order from customer, so that the chef and manager can view that order and perform appropriate actions for it and can generate the bill for respective order.
- Built this platform using **Spring Boot, Vanilla JS, MySQL**.

### Javvy – Virtual Assistant

- Designed **voice AI assistant** which carried out tasks based on user-machine voice interaction.
- Voice recognition, speech to text, etc. libraries were taken into consideration to find keywords present in the sentence to understand what the user says using python-based frameworks in NLP and Deep Learning.

### Expressomoji

- Implemented an application which can **recognize the face expressions and identify hand movements** of the person who cannot speak and **converting it to text and emojis** to better express themselves.
- Built the application using **OpenCV, Deep Learning, TensorFlow, Keras, Neural Networks & Flask framework**.
- Trained model using the previous datasets and based on that it was performing tasks.