

# APEKSHA SHAH

Fullerton, CA, USA, A computer science graduate student expecting to graduate in December 2023

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## EDUCATION

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### California State University, Fullerton, Fullerton, CA, USA

Master Of Science in Computer Science (Spring )

Expected December 2023

GPA (3.6/4.0)

Course Work: Advance Algorithm, Software Design, and Architecture, Introduction to ML, Web-Backend, Advance Software Process, Advance Database, Software measurement, Software standard and requirement

### Institute of Technology and Management(ITM universe), Vadodara,India

Bachelor Of Engineering in Computer Science and Engineering

July 2021

GPA (3.5/4.0)

Course Work: Data Structure and Algorithm, Operating System, OOP with C++, OOP with Java, Compiler Design, Database Management System NET Technology, Computer Network

## TECHNICAL SKILLS

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- Programming : Java, C++, C, Python, PHP, SQL, JavaScript, HTML, CSS, Data Structures, Algorithms
- Technologies: Spring Framework, Spring Boot, jQuery, React, OOP, Design patterns, SOLID principles, MVC, Hibernate, RESTful Web Services, Microservices, JSON, XML, Tomcat, HIVE, GCP
- Software/Tools : Eclipse STS, Visual Studio 2017, Android Studio, MySQL, Git, WordPress
- Operating Systems : Linux/Unix, Windows 10, Android
- Database : MongoDB, SQLite, Hadoop

## PROJECTS

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### Online Quiz System

- Developed an online quiz system using servlets, JSP, JDBC, and SQL, offering admin capabilities for adding, deleting, and modifying questions, and enabling students to take multiple-choice quizzes in a visually appealing Bootstrap-based interface.

### Covid-19 Tracking System

- Created a web application system utilizing Java, Spring Boot, and servlets to track COVID-19 cases worldwide, displaying the number of cases in different countries along with the total global cases, all updated in real-time with specified update timestamps.

### Employee management web app

- Developed an employee management web platform utilizing Java Spring Framework, Hibernate, and MySQL database, providing comprehensive CRUD (Create, Read, Update, Delete) functionality for efficient management of employee details.

### Python-based Wordle game

- Designed and developed a Wordle game using Python, Quart web framework and SqlLite database in the microservice architecture using REST standards. Used NGINX for running and load balancing the replicas of the microservices.

### Android Application (Insertion Sort)

- Developed an Android Application that performs insertion sort on numbers under the Agile environment by following the scrum protocols. Used the JIRA platform to track the Scrum meetings, Sprints and tickets. Prepared the CMMI Appraisals to archive the maturity levels.

### Employment Matching System

- Designed the Employment Matching System by the Unified Process using the concepts of OOA and OOD. Created the artifacts and identified the different use cases and visualized the use cases with the help of UML in VisualParadigm.

### Myer Briggs Type indicator

- Developed the Myer Briggs Type Indicator in Python using different libraries like sci-kit-learn, pandas, NumPy, imblearn, and word cloud and performed the different Machine Learning Models such as SVM, KNN, and Logistic Regression on Jupyter Notebook. Implemented oversampling method to handle the imbalanced dataset.

## EXPERIENCE

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### BrainyBeams Technologies PVT Ltd.

Vadodara,India

2 months of online internship

March 2021 - May 2021

- Worked with visual studio and learn how the database worked with frontend with the help of ASP.net