

I am a motivated Computer Science Master's student with expertise in web and Android development, machine learning, and data analysis. Skilled in HTML, CSS, JavaScript, Flutter, and Python, I have successfully led projects like developing a gaming website and creating a desktop-based virtual assistant. With a strong foundation in programming languages, I excel in problem-solving and have a Machine Learning Certification from SkillVertex. I bring a results-driven approach, a passion for innovation, and a proven track record of collaborating effectively in diverse teams.

## Education

**California State University – East Bay – Hayward CA**

**CA, USA**

Master of Science in Computer Science : GPA : 3.7

08/2023 - 04/2025 (Expected)

**ADCET**

**INDIA**

Bachelor of Technology in Computer Science and Engineering : GPA: 8.65.

2019 - 2023

## Technical Expertise

- **Web Development** | Proficient in: HTML, CSS, JavaScript, PHP
- **Android Development** | Skilled in: Flutter (Dart)
- **Machine Learning** | Expertise in: Regression, Classification, Clustering, scikit-learn, OpenCV
- **Programming Languages** | Adept in: C, C++, Python, R
- **Data Analysis and Visualization** | Tools: PowerBI, Streamlit, Tableau, Dash
- **Linux** | Shell, GREP, AWK, SED
- **Machine Learning Certification** | SkillVertex | 2022

## Internship's

### Suven Consultancy, INDIA

- Designed and managed website front-end, ensuring user-friendly and responsive interfaces using HTML5 and CSS3. Achieved optimal performance and compatibility across various browsers and devices.
- Collaborated closely with designers and UX/UI specialists to create visually appealing and intuitive interfaces.
- Implemented CSS modules to simplify development and enhance site responsiveness.
- Conducted rigorous testing and debugging to identify and resolve compatibility challenges across different browsers and platforms.

### 5techGLabs Pune, INDIA

- Worked as a Junior Android Developer at 5techGLabs Pune, contributing to the development and maintenance of Android applications using Flutter (Dart).
- Participated in the entire software development lifecycle, including requirements gathering, design, coding, testing, and deployment. Ensured feature implementation adhered to established coding standards and best practices.
- Played a vital role in identifying and resolving software defects, ensuring optimal application performance.
- Independently executed large-scale data extraction from MySQL databases using Python scripting, emphasizing efficiency and speed.

## Projects

- **Gaming Zone** | Role: Team Lead and Developer

Achievements: Created a gaming website featuring 3 games(Sanke Rush , Tic Tac Toe , Ball dive) by utilizing HTML5, CSS3, and JavaScript.

- **Savvy – Virtual Assistant** | Role: Project Lead | Tools Used : Python, pyttsx3, pynput, pywhatkit, pyautogui ,PyQt5

Achievements: Spearheaded the development of Savvy, a desktop-based virtual assistant, employing Python and Python frameworks (speech recognition, pyqt5, pyautogui, pywhatkit).

- **Clustering, Classification** | Tools Used: Python, pandas, scikit-learn , KNN, Random Forest

Achievements: Implemented machine learning algorithms to cluster seed data, utilizing Python, pandas, and scikit-learn. Analyzed results, performed algorithmic comparisons, and interpreted findings. **Credit Card Fraud:** Applied classification algorithms (KNN and Random Forest) using Python and relevant packages. Produced accurate outcomes and conducted thorough algorithmic evaluations.

- **Recommender System** | Movie recommendation system | Tools Used: R , recommender lab ,MovieLense , evaluationScheme

Achievements: Utilized R and R modules like recommender lab and evaluation scheme to generate user based (UBCF) and item based (IBCF) recommender system for movie dataset. Successfully evaluated both models and identified the most optimal model based on accuracy scores

- **YtDash** | Tools Used: Streamlit, Python , pandas ,seaborn,matplotlib

Achievements: Conducted comprehensive data analysis, data pipelining, and graphical result generation for YouTube channel data. Utilized Streamlit and Python for effective data visualization.