

## EDUCATION

### California State University, Fullerton

*Master of Science in Computer Science*

Fullerton, CA

May 2024

**Courses:** Advanced Algorithms, Advanced Database Management, Expert Systems, Software Engineering

### Charotar University of Science and Technology

*Bachelor of Technology in Computer Science & Engineering*

India

May 2022

**Courses:** Object-Oriented Programming, Data Structures, Web Programming, Cloud Computing, Machine Learning

## TECHNICAL SKILLS

**Languages:** Javascript (ES5/ES6) , Python , Typescript , C++ , Java , HTML5 , CSS , JSON

**Frameworks:** Node.js , Express.js , React.js , Next.js , TailwindCSS , Django , NPM , Firebase , PyTest

**Dev Tools:** Git , GitHub , AWS (S3, EC2, Lambda) , Postman , Docker , Jenkins , Ansible , Jira , Linux

**Databases:** NoSQL (MongoDB, Cloud Firestore) , SQL (MySQL) , Redis

**Skills:** Front-end , Back-end , Agile , Unit testing , CI/CD , Scrum , DevOps , SDLC

## EXPERIENCE

### Graduate Teaching Associate

*California State University, Fullerton*

Fullerton, CA

Jan 2023 - Present

- o Mentored over 50 students in Software Engineering course emphasizing agile methodologies (Scrum and Kanban)
- o Employed collaborative tools like Jira and Trello to simulate practical project management situations
- o Taught Intro to Programming labs in C++, leveraging Linux, GitHub for enhanced coding skills and collaborative learning

### Data Science Intern

*Kintu Designs Pvt. Ltd.*

India

Dec 2021 - Apr 2022

- o Coordinated with clients in an Agile setup, engaged in pair programming, daily scrum for efficient project delivery
- o Delivered chatbot for HealthCare Platform on 2 conversation flows and 30 FAQs resolving 80% of queries using RASA
- o Conducted comprehensive data cleaning and analysis of sales data, encompassing 6 key attributes
- o Built and deployed user-friendly dashboards and visualizations to enhance data comprehension for clients

### Software Developer Intern

*Feature IT LLC*

Austin, TX

Jun 2021 - Nov 2021

- o Crafted efficient and scalable RESTful APIs, leveraging the power of Django, Mongoose and Postman for API testing
- o Supported the establishment of an end-to-end CI/CD pipeline, performed code review, curated documentation, and unit/integration testing through PyTest Framework
- o Engaged in all phases of SDLC, from idea generation to testing to ensure delivery of high-quality software solutions

### Software Developer Intern

*ZipBooks Software Solutions Pvt. Ltd.*

India

Apr 2020 - Jul 2020

- o Collaborated in team of 6 developers to create FaceLog, cutting-edge system for face recognition and customer analysis
- o Gained proficiency in OpenCV, Python, and state-of-the-art ML models to enhance image and video processing capabilities
- o Contributed to development of admin portal aimed at enhancing customer analytics, utilizing Node.js, MongoDB, WebSocket, D3.js, HTML and CSS

## PROJECTS

### BrandGuru - AI Assistant For Marketing

*Python, FastAPI, OpenAI, AWS Lambda, API Gateway, Docker, Typescript, Next.js, React, TailwindCSS, Firebase, Vercel*

- o Spearheaded an end-to-end full-stack AI-driven marketing content generation platform, utilized AWS services to optimize resource allocation and enhance scalability, resulting in improved performance and cost-efficiency

### Image Processing Application

*Java, JavaFX, JUnit, Command Pattern, Object Oriented Programming, Test Driven Development (TDD)*

- o Developed JavaFX image processing app, integrating Java's libraries and OOP principles, implemented MVC, Command Patterns for operational efficiency, and conducted rigorous JUnit testing, achieving an impressive test coverage of 94%

### Jenkins CI/CD Portfolio Pipeline

*Github Webhooks, Jenkins, Ansible, Docker, AWS EC2, AWS Route53*

- o Automated personal portfolio website, reducing deployment time by 60% through advanced CI/CD Pipeline

## LEADERSHIP & AWARDS

- o Organized events, workshops to build vibrant developer community as an organizer for Google Developers Group - Fullerton
- o Awarded the title of Young Women Achievers Award - 2020 in the Entrepreneurship category