

EDUCATION

California State University, Fullerton <i>Master of Science in Computer Science , GPA: 3.73</i> Courses: Advanced Algorithms, Advanced Database Management, Expert Systems, Software Engineering	Fullerton, CA May 2024
Charotar University of Science and Technology <i>Bachelor of Technology in Computer Science & Engineering , GPA: 3.94</i> Courses: Object-Oriented Programming, Data Structures, Web Programming, Cloud Computing, Machine Learning	India May 2022

TECHNICAL SKILLS

Languages: Javascript , Python , Typescript , C++ , Java , HTML , CSS , JSON
CI/CD Build Tools: Node.js , Express.js , React.js , Next.js , TailwindCSS , Django , Firebase , PyTest , Kafka
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 <i>California State University, Fullerton</i> <ul style="list-style-type: none">○ Mentored over 50 students in Foundation of Software Engineering course on essential topics for software development.○ Employed tools like Jira, Trello to simulate practical project management situations, emphasizing Agile methods.○ Taught Intro to Programming labs - C++, leveraging Linux, GitHub for enhanced coding skills, collaborative learning.	Fullerton, CA Jan 2023 - Present
Data Science Intern <i>Kintu Designs Pvt. Ltd.</i> <ul style="list-style-type: none">○ Coordinated with clients in an Agile setup, engaged in pair programming, daily scrum for efficient project delivery.○ Delivered AI-Driven chatbot for healthcare platform on 2 conversation flows, 30 FAQs resolving 80% queries using RASA.○ Conducted comprehensive data cleaning and analysis of sales data using Python, Pandas, encompassing 6 key attributes.○ Built and deployed user-friendly dashboards and visualizations using Tableau to enhance data comprehension for clients.	India Dec 2021 - Apr 2022
Software Developer Intern <i>Feature IT LLC</i> <ul style="list-style-type: none">○ Crafted efficient and scalable RESTful APIs, leveraging power of Django, Mongoose and Postman for API testing.○ Supported establishment of an end-to-end CI/CD pipeline, performed code review, curated documentation, and unit/integration testing through PyTest Framework.○ Engaged in all phases of SDLC, from idea generation to testing to ensure delivery of high-quality software solutions.	Austin, TX Jun 2021 - Nov 2021
Software Developer Intern <i>ZipBooks Software Solutions Pvt. Ltd.</i> <ul style="list-style-type: none">○ Collaborated in team of 6 developers to create FaceLog, cutting-edge system for face recognition and customer analysis.○ Gained proficiency in OpenCV, Python, state-of-the-art ML models to enhance image and video processing capabilities.○ Contributed to development of admin portal aimed at enhancing customer analytics, utilizing Node.js, MongoDB, WebSocket, D3.js, HTML and CSS.	India Apr 2020 - Jul 2020

PROJECTS

BrandGuru - AI Assistant For Marketing <i>Python, FastAPI, OpenAI, AWS Lambda, API Gateway, Docker, Typescript, Next.js, React, TailwindCSS, Firebase, Vercel</i> <ul style="list-style-type: none">○ Spearheaded an end-to-end full-stack AI-driven marketing content generation platform, utilized AWS services to optimize resource allocation and scalability, resulting in 15% reduction in estimated infrastructure costs.
Image Processing Application <i>Java, JavaFX, JUnit, Command Pattern, Object Oriented Programming, Test Driven Development (TDD)</i> <ul style="list-style-type: none">○ 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 <i>Github Webhooks, Jenkins, Ansible, Docker, AWS EC2, AWS Route53</i> <ul style="list-style-type: none">○ Automated personal portfolio website, reducing deployment time by 60% through advanced CI/CD Pipeline.

LEADERSHIP & AWARDS

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