
TECHNICAL SKILLS

Languages: Javascript , Python , Typescript , C++ , Java , HTML , CSS , JSON**Frameworks:** 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, DynamoDB, Cloud Firestore) , SQL (MySQL, PostgreSQL)**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

- 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.

Data Science Intern*Kintu Designs Pvt. Ltd.*

India

Dec 2021 - Apr 2022

- 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.

Software Developer Intern*Feature IT LLC*

Austin, TX

Jun 2021 - Nov 2021

- 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.

Software Developer Intern*ZipBooks Software Solutions Pvt. Ltd.*

India

Apr 2020 - Jul 2020

- 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, Web-Socket, 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*

- Designed and developed full stack AI-driven marketing content generation platform with 100% cloud-native architecture.
- Leveraged AWS Lambda for serverless backend, adopting pay-as-you-go model resulted in approximately \$120 reduction in infrastructure costs per year, and utilized Vercel for continuous integration and deployment.

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

- Developed JavaFX image processing application, integrating Java's libraries, 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*

- Automated personal portfolio website deployment, transitioning from manual deployment, reducing deployment time from 5 mins to automatic deployment in just 1 min.

EDUCATION

California State University, Fullerton*Master of Science in Computer Science , GPA: 3.73*

Fullerton, CA

*May 2024***Charotar University of Science and Technology***Bachelor of Technology in Computer Science & Engineering , GPA: 3.94*

India

May 2022

LEADERSHIP & AWARDS

- Organized over 3 events, workshops to build vibrant developer community as Google Developers Group - Fullerton organizer.
- Awarded title of Young Women Achievers Award - 2020 in Entrepreneurship category.