Dhruti Patel

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Los Angeles, CA

EDUCATION

California State University, Fullerton Fullerton, CA
Master of Science in Computer Science , GPA: 3.73 *May 2024*
Courses: Advanced Algorithms, Advanced Database Management, Expert Systems, Software Engineering

Charotar University of Science and Technology India
Bachelor of Technology in Computer Science & Engineering , GPA: 3.94 *May 2022*
Courses: Object-Oriented Programming, Data Structures, Web Programming, Cloud Computing, Machine Learning

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, Cloud Firestore) , SQL (MySQL) , Redis
Skills: Front-end , Back-end , Agile , Unit testing , CI/CD , Scrum , DevOps , SDLC

EXPERIENCE

Graduate Teaching Associate Fullerton, CA
California State University, Fullerton *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 and collaborative learning

Data Science Intern India
Kintu Designs Pvt. Ltd. *Dec 2021 - Apr 2022*
- Coordinated with clients in an Agile setup, engaged in pair programming, daily scrum for efficient project delivery
- Delivered chatbot for HealthCare Platform on 2 conversation flows and 30 FAQs resolving 80% of queries using RASA
- Conducted comprehensive data cleaning and analysis of sales data, encompassing 6 key attributes
- Built and deployed user-friendly dashboards and visualizations to enhance data comprehension for clients

Software Developer Intern Austin, TX
Feature IT LLC *Jun 2021 - Nov 2021*
- Crafted efficient and scalable RESTful APIs, leveraging the power of Django, Mongoose and Postman for API testing
- Supported the 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 India
ZipBooks Software Solutions Pvt. Ltd. *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, and 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

PROJECTS

BrandGuru - AI Assistant For Marketing
Python, FastAPI, OpenAI, AWS Lambda, API Gateway, Docker, Typescript, Next.js, React, TailwindCSS, Firebase, Vercel
- 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)
- 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
- 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 an organizer for Google Developers Group - Fullerton
- Awarded the title of Young Women Achievers Award - 2020 in the Entrepreneurship category