

DRASHTI SHAH

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Summary

Motivated and detail-oriented Computer Science graduate with a strong background in software development and web technologies. Experienced in front-end web development using React and back-end development with Django. Skilled in API development, database management, and Android app development. Proven ability to work collaboratively in team environments and deliver high-quality projects. Seeking opportunities to leverage my skills and contribute to innovative projects.

Skills

- Languages – C++, Java, React, C#, Python
- Database Management – MySQL, SQL lite
- Web skills – HTML, CSS, JavaScript, PHP
- Framework – Django, .NET
- Operating System – Windows, Linux
- Development - Android

Experience

Graduate Assistant

California state University, Los Angeles

01/2025 to Present
Los Angeles, USA

- Assist with grading assignments related to simulation modeling, Monte Carlo methods, Markov Decision Processes, and optimization techniques, providing detailed feedback to enhance student understanding.
- Worked Support students during live coding sessions and lab exercise, helping them debug python code and troubleshoot issues in high-performance computing environments.
- Facilitate group projects by guiding students on applying simulation concepts to real world scenarios, optimizing models and improve resource utilization.

Junior Web Developer

InfoLabz IT Services Pvt. Ltd.

04/2020 to 04/2023
Ahmedabad, Gujarat

- Front-end web development in React, API development and integration.
- Worked on JSON structure and API fetching web pages using the Django framework.
- Worked on Android basic layout with material design and app development. using web services. Developed and maintained websites using HTML, CSS, JavaScript, and PHP.
- Participated in brainstorming sessions to produce creative solutions for projects.

Education and Training

Master of Science: Computer Science

California State University - Los Angeles

Expected in 12/2025
Los Angeles, CA

Bachelor of Engineering: Information Technology

Gandhinagar Institute of Technology

06/2023
Ahmedabad

Projects

- **Meal Planner Application** – Build a full-stack app using Node.JS, Express.JS, MongoDB, and Svelte.JS. Integrated Spoonacular API for meal search and personalized meal plans and implemented RESTful routes, JWT authentication and a user-friendly interface.
- **Amazon Employee Access Challenge** – Analyzing patterns in employee data to predict access requirements using machine learning models and feature engineering techniques.
- **Cliff Walking** – Exploring reinforcement learning to navigate grid-based environments effectively, focusing on policy evaluation and optimization techniques.
- **Single Page web Application (SPA)** - The SPA provides a simple interface for users to interact with data and perform various tasks. This project designed for businesses and organizations that need to display data in a user-friendly and dynamic manner.
- **Web development using Python – Django** – Created website along with real time API handling. Web page fetches live data and simplifies it in structured and responsive manner.
- **Scan Me for Info** – Application for Alzheimer patients and small kids with mental health disorders. The project developed with QR code to ease gathering user information.