

# Dev Modi

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## WORK EXPERIENCE

### Game Developer Intern

LawSchool AI, San Francisco, CA

Aug 2024 – Jan 2025

- Directed a collaborative team of 7 to develop an engaging 2-D and 3-D law-based educational game, resulting in over 200 students participating in gameplay testing sessions that provided crucial feedback for improvements.
- Collaborated closely within a team to refine three major gameplay features based on testing feedback from over 500 students, ultimately addressing core usability issues that revamped overall player satisfaction.
- Constructed event feedback mechanisms in the game, increasing positive feedback by 30%.

### Full Stack Developer Intern

Glitter Fund, San Francisco, CA

Jun 2023 - Nov 2023

- Created a web application using Django, integrating RESTful APIs to source real-time data from Tradier API, reducing data retrieval time by 25%.
- Architected and deployed scalable frontend and backend systems, improving site load times by 40% and optimized user experience, contributing to a 20% increase in user retention.
- Applied Linode for hosting, ensuring reliable and efficient deployment by 30%.

### Full Stack Developer Intern

American Dog Society, San Francisco, CA

Aug 2024 - Present

- Contributed, maintained and enhanced more than 10 websites and webpages at American Dog Society using React, MongoDB, Express JS and Node.js as backend to make more than 10 websites.
- Designed and deployed new features and functionality, enhancing performance by 50%, and optimized frontend development to boost user retention by 30% while managing all technical aspects of the project.
- Utilized GoDaddy for reliable hosting and implemented MongoDB to design an efficient database to support 10,000+ entries.

## PERSONAL PROJECTS

### AI Powered Stock Predictor

- Designed a machine learning model using Python and TensorFlow to predict stock prices based on 5 years of historical data.
- Attained 65% accuracy in predictions through LSTM (Long Short-Term Memory) networks.
- Built a web interface with Django and React, enabling visualization of 1,000+ trends and prediction graphs monthly.

### The Butcher Game

- Led a team of 10 people first-person psychological horror game using Unity and C#, published on itch.io.
- Generated 120+ plays within the first two weeks, garnering positive feedback from players.
- Integrated 10+ challenging levels and programmed 15 core mechanics, contributing to a 60% user retention rate.

### Job Application Scraper and AI Chatbot

- Engineered a Python AI chatbot using Spyder, BeautifulSoup, Django, NLP libraries like spaCy and NLTK and Selenium to scrape LinkedIn for 10,000+ job postings.
- Reduced manual search time by 75%, processing over 1000 job queries and providing accurate application links within seconds.
- Secured a 90% user satisfaction rate from a test group of 50 users by automating key process.

## SKILLS

- Technical Skills:** Python, Java, C++, C#, HTML, CSS, Unity Engine, Unreal Engine, SQL, MongoDB, Data Structures, Web Development, AWS, Node.js, Django, MERN Stack, Kubernetes, React, JavaScript, Express JS, POSTGRE SQL, WordPress, AI, ML
- Soft Skills:** Analytical, Communication, Leadership, Team Collaboration
- Languages:** English, Hindi, Gujarati, Marathi

## EDUCATION

Bachelor's in Computer Science

San Francisco State University, Aug 2021 - May 2025

GPA: 3.9/4.0

Relevant Courses: Data Structures, Algorithms, AI, ML

Honors: Dean's List (8 times)

## CERTIFICATIONS

Google Data Structures and Algorithms Certificate | Aug 2022

Google IT and Python Programming Certificate | May 2023

Google Project Management Certificate | Nov 2024

Web Development and MERN Stack Certificate | May 2024

Microsoft AI and ML Certificate | Jan 2025