

# Dip Patel

[dip2851@gmail.com](mailto:dip2851@gmail.com) • (530) 370-2022 • [www.linkedin.com/in/dip-patel-1764471a9](https://www.linkedin.com/in/dip-patel-1764471a9) • [github.com/pateld1p](https://github.com/pateld1p) • [dippatel.dev](https://dippatel.dev)

## OBJECTIVE

Software engineer with a strong foundation in computer science and experience in full stack development, seeking a full-time role to leverage skills in Java, Python, Javascript and modern frameworks. Eager to contribute to innovative projects and collaborate in a dynamic, growth-oriented environment.

## EDUCATION

**California State University, Sacramento** | Sacramento, CA

B.S. in Computer Science | GPA: 3.65/4.00

December 2024

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, SQL, Javascript, Tableau, Postman, Visual Studio, Jira, Agile, ServiceNow, Pandas, NumPy, NodeJs, NextJs, Express, Firebase, Vercel, Excel.

## RELEVANT EXPERIENCE

**Software Engineer Fellow | Headstarter AI | Remote**

Jul 2024 - Present

- Built 3 AI apps and APIs using NextJs, OpenAI, Pinecone, StripeAPI.
- Developed projects from design to deployment using MVC design patterns.
- Coached by Amazon, Bloomberg and Capital One engineers on Agile, CI/CD, Git and microservice patterns.

**Student Intern | Department of Transportation | Sacramento, CA**

Apr 2024 - Present

- Collected and sorted traffic collision reports (TCRs), ensuring accurate data entry into centralized databases.
- Assisted in geospatial coding of highway collision, locations using GIS software, enhancing data precision and mapping.
- Utilized Microsoft Excel for data organization and analysis, demonstrating proficiency in spreadsheet management.

**IT Assistant | California State University | Sacramento, CA**

Jun 2021 - May 2024

- Streamlined classroom IT operations, reducing assistance wait time by 15%.
- Constructed A/V technology setups for classrooms and managed service requests and incidents via ServiceNow.
- Created reports and visualizations in Excel and PowerPoint, providing insights to enhance operational efficiency.

## PROJECTS

**Pantry Management App** (Techstack: Next.js, Firebase Firestore, Spoonacular API, Material-UI, Axios)

- Developed a responsive web app to manage pantry inventory and fetch recipes based on available ingredients.
- Implemented real-time database functionality using Firebase Firestore and dynamic recipe suggestions with Spoonacular API.
- Enhanced user interface and experience with Material-UI for a seamless and responsive design.

**Flashcard Saas** (Techstack: Next.js, React, Firebase, Clerk, Stripe)

- Collaborated with a team to build a full-fledged SaaS platform for creating, managing, and studying flashcards, utilizing Next.js and React for dynamic UI development.
- Integrated Firebase for real-time data sync and Clerk for secure user authentication, ensuring a smooth user experience.
- Implemented Stripe for handling subscription-based payments, enabling seamless premium transactions.

**The Journey Game** (Techstack: Java, Codename One, Observer & Command Design Pattern, MVC Architecture)

- Developed a mobile game application using Codename One, incorporating key **object-oriented programming(OOP)** concepts, design patterns, and interactive graphics.
- Utilized MVC architecture to separate game logic from UI, and implemented Observer and Command patterns for dynamic interactions.
- Designed a responsive UI to ensure an engaging and smooth user experience.