

# Apoorva Parajuli

Full-Stack Developer

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I am a Full Stack Developer with over a year of professional experience and a strong foundation in computer science. I am passionate about leveraging AI-enabled technologies and exploring opportunities in modern application development, including machine learning and prompt engineering, to drive innovative solutions.

## Education

B.S in Computer Science | University of San Francisco, August 2023

**Relevant Coursework:** Computer Architecture, Operating Systems, Programming Languages, Machine Learning, C and Systems Programming, Data Structures and Algorithms, Vector Calculus

## Skills

**Languages:** C, C++, Java, JavaScript, TypeScript, Python, Swift, HTML, CSS, SCSS

**Frameworks and Libraries:** Django, Next.js, React.js, Node.js, Flask, Express, Vue.js, SwiftUI, Bootstrap

**Databases:** PostgreSQL, sqlite, SQL Server

**Other:** Git, Docker, AWS, Vercel, NextAuth, Unreal Engine, CMake, Postman, Heroku, nginx, gunicorn, SSMS, pgAdmin

## Work Experience

Full-Stack Developer | April 2024-October 2024

**Polypinion** - REMOTE

**Tools Used:** Flask, React.js, Vercel, PostgreSQL, SQLAlchemy, Bootstrap, OpenAI API, ClaudeAPI, AWS, Google Analytics API, sqlite, gunicorn, nginx, Chart.js

- Developed an AI-enabled fact checker that facilitated the process of reading through news articles and parsing truth from fiction using OpenAI's LLM and Anthropic's ClaudeAPI LLM
- Developed a dashboard that took advantage of Google's Analytics API and displayed metrics that allowed admins to view the usage rate of the site and determine the most popular articles, etc. using Chart.js
- Conducted software maintenance and deployed updates and upgrades to React.js, Flask, and SwiftUI applications
- Performed configuration, deployment and maintenance tasks related to the application as deployed on Vercel and AWS EC2 and RDS

Freelance Application Engineer | August 2023-Present

**AAPI Coalition** - REMOTE

**Tools Used:** Django, React.js, Next.js, NextAuth, PostgreSQL, Bootstrap, EC2, RDS, nginx, gunicorn

- Developing an application that will facilitate the AAPI coalitions' operations as it relates to providing training to clients and case tracking
- Developing an internal communications network to facilitate program-related communications and to notify clients and instructors of impending deadlines and/or meetings
- Provided technical support and consultation

**Community Support Group** - REMOTE

**Tools Used:** Django, React.js, Next.js, NextAuth, PostgreSQL, Bootstrap, EC2, RDS, nginx, gunicorn

- Developing an AI-enabled resource matching system, it is designed to take requests containing a user's problem/needs and address them by referring them to resources contained within a database

## Projects

Master Class Project | December 2024-Present

**Tools Used:** PostgreSQL, Node.js, Express, React.js, Next.js, NextAuth, EC2, S3, RDS, Docker

- Developed a web application for course instructors and students to be able to communicate with capstone project sponsors more conveniently
- Used Node.js, React.js, and Next.js frameworks to develop app, deployed database to RDS and RESTful API to an EC2 instance