

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

AI & Machine Learning Bootcamp | CalTech, April 2025

Relevant Coursework: Deep Learning W/ Keras & Tensorflow, Machine Learning, Reinforcement Learning, Advanced Generative AI, NLP & Speech Recognition, ADL & Computer Vision

Skills

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

Frameworks and Libraries: Django, Next.js, React.js, Node.js, Flask, Express.js, Vue.js, SwiftUI, Bootstrap, Auth0

Databases: PostgreSQL, sqlite, SQL Server

Other: Git, AWS, Vercel, CMake, Postman, Heroku, nginx, gunicorn

Work Experience

Full-Stack Engineer | April 2024-October 2024

Polypinion - REMOTE

Tools Used: Flask, React.js, Vercel, PostgreSQL, SQLAlchemy, Bootstrap, OpenAI API, Anthropic 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

Community Support Group - REMOTE

Tools Used: Django, React.js, Next.js, 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
- Developing an application that will facilitate the community support group's operations as it relates to providing training to clients and case tracking

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