Ankit Poudel

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Skills

Programming Languages: Python, SQL, Bash, HTML, CSS, JavaScript
Frameworks & Libraries: Django, Django REST Framework, FastAPI, Celery, RabbitMQ, Django Channels, HTMX
Databases & Caching: PostgreSQL, MySQL, MongoDB, Redis
Protocols & APIs: REST, WebSocket, JSON, OAuth2, JWT
DevOps, Tools & Deployment: Git, GitHub, Docker, Nginx, GitHub Actions, Postman, Pytest, Virtual Environments

Experience

Frontend Engineer, CodeSQAD – Reston, VA (Remote)   May 2024 – July 2024
- Built a real-time chat feature using Socket.io and Next.js to enable seamless user communication, improving interactivity and responsiveness.
- Improved frontend state management by integrating Redux Toolkit, reducing component complexity and enhancing maintainability.
- Integrated RESTful APIs into multiple components, enabling dynamic data rendering and boosting feature completion rate.
- Collaborated in agile sprints and code reviews to debug and optimize React-based UIs, improving load speed and UX across major views.

Projects

Customer Support System   github.com/ankman007/customer-support-system
Django Rest Framework, RabbitMQ, Celery, HTMX, Django Channels
- Designed and developed a real-time customer support system to efficiently manage high-volume customer interactions with limited support staff.
- Implemented a queue management system for dynamic task assignment, priority-based ticketing and timeout handling to ensure optimal agent utilization.
- Built an interactive agent dashboard with live chat features, queue status and session controls enabling seamless, real-time communication between customers and support agents.

Live-Deployed Django eCommerce Platform with Real User Traffic   a1albanywholesale.com
Django, HTMX, Stripe API, Celery, MySQL, Redis, Docker, Nginx
- Developed a full-featured eCommerce platform with dynamic, in-page content updates.
- Integrated Stripe API for secure, flexible checkout and payment processing improving user trust and conversion rates.
- Containerized the app with Docker and deployed it behind Nginx with Celery managing asynchronous tasks like order confirmation emails and payment event handling.

LLM-Based Interview Preparation Tool   github.com/ankman007/job-fit-ai
FastAPI, Next JS, Redux, Shadcn UI, Google Cloud AI API
- Built an AI-powered web platform that analyzes resumes and job descriptions using LLMs to generate personalized interview preparation materials and insights.
- Integrated Google Cloud LLMs to generate SWOT, skill gaps, and tailored interview prep.
- Dockerized and deployed the full-stack application delivering a responsive and production-ready solution for end users.

Education

National College of Computer Studies – Bachelor's of Information Management   March 2026 (Expected)
Relevant Coursework: Web Programming, Data Structure and Algorithms, Database Management System, Operating System, Computer Networking, Software Design and Development