Kaustubha Chaturvedi

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EXPERIENCE

Software Development Engineer II
WebCue

Jan 2025 – Present
Mohali, IN

Golang, FastAPI, NodeJS, NextJS, PostgreSQL, MongoDB
- Architected scalable ad tracking and analytics systems processing 10M+ events/day.
- Led a team of 3 engineers and delivered features with high code quality.
- Built AI-based image/video system with in-house models, cutting manual ad work by 80%.

My Works
- **AdTracker/Launcher and Analytics Platform**: Stable architecture and high-throughput processing
- **AI Creative Generation System**: Fine-tuned existing models for brand-specific content generation

Backend Developer
Prishni

Nov 2023 – Dec 2024
Remote

Django, FastAPI, PostgreSQL, Azure, Docker
- Refactored e-commerce backend; improved page load by 3x and reduced DB usage by 40%.
- Built internal platforms with 100% uptime post-launch.

My Works
- **Backend Optimization**: Async jobs (50K+/day) using Redis + Celery.
- **Analytics Dashboard**: FastAPI + React RBAC dashboard used by 100+ users.

App Development Lead
Undigitally

Jan 2023 – Oct 2023
Remote

Flutter, Firebase, FastAPI, Azure SQL
- Reduced backend latency by 3.5x for app with 5K+ users.

My Works
- **Mobile App**: Offline-first real-time chat backend with documented APIs.

PROJECTS

Email Campaign Manager
Django, Celery, Redis, Docker
- Bulk HTML newsletter system with Celery + Redis for task queuing.
- JWT-based auth and admin dashboard for campaign tracking.

Talk To Data
FastAPI, Langchain, Pandas, Groq, LLaMA 3.1
- Query CSV/SQL via natural language with fine-tuned LLaMA 3.1 + Groq.
- FastAPI-based backend with structured JSON follow-ups.

SKILLS

Languages: Golang, Python, SQL, JavaScript, C/C++
Databases: PostgreSQL, MongoDB, Redis/Valkey
DevOps/Tools: Docker, Kubernetes, Git, AWS, Azure, CI/CD, Kafka
Frameworks: FastAPI, Django, Gin, Express.js, NextJS, TensorFlow, PyTorch, LangChain

EDUCATION

B.Tech in Computer Science
CGPA: 8.0

Rajiv Gandhi Proudyogiki Vishwavidyalaya
Bhopal, IN