

Aditya Jindal

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

EXPERIENCE

Edra Labs – BrowserStack

Software Engineer

Mumbai, India

Aug 2024 – Present

- Shipped an **AI copilot Chrome extension** for Salesforce that reduces manual CRM data entry by auto-linking activities to deals, extracting field values from transcripts, and suggesting pipeline stage transitions.
- Integrated **4 external platforms** (Gmail, Zoom, Fireflies.ai, Google Calendar) into a unified context layer, routing data across **multiple LLM providers** for structured field extraction and conversational deal analysis.
- Built backend for **AI-driven CX system** with multiple LLM agents (RAG, diagnosis, evaluation, query handling), now resolving 60% of L2 tickets automatically.
- Implemented an LLM-as-a-judge evaluation layer using **DeepEval's G-Eval** framework to measure and improve AI response quality and confidence calibration.
- Optimized prompt-response cycles using a **LangChain-based caching system**, cutting redundant API calls and improving system efficiency for frequently updated pages.
- Contributed to an **AI-powered web crawler**, integrating GPT, Gemini, Claude, and **Qdrant for RAG + Vector search**, improving structured data extraction from complex websites.
- Delivered an image augmentation service leveraging **Moore's Voting** and **BiRefNet**, correcting aspect ratios and removing backgrounds for over **70% of production images**.
- Designed a self-serve internal tool for product team to generate **SEO-optimized content** via a **UI-driven workflow**, streamlining publishing and **reducing turnaround time**.

Google

Software Engineering Intern

Bengaluru, India

Jun 2023 – Aug 2023

- Developed **Terraformarium**, an internal **Go** tool that automated **infrastructure** setup for **Anthos** and **Composer**.
- Delivered up to **\$600** savings for every 100 Cases around **Anthos Service Mesh**.
- Reduced provisioning time & costs by **37%** with **Terraform** for better recreation of client environments.
- Contributed to **TS Toolkit**, enhancing **IAM Role Comparison** and **Foreign Logs Translation** capabilities.
- Implemented **serverless** backend with **Cloud Functions**; deployed on **App Engine** with **auto-scaling** and **load balancing**.

SKILLS

Languages: TypeScript, Go, JavaScript, Python, Java

Technologies: Next.js, Node.js, React.js, Express.js, Flask, Celery, Typesense

Databases: MySQL, PostgreSQL, Prisma, Metabase, AdminJS

Infrastructure & DevOps: Docker, Kubernetes, Terraform, GCP, AWS, SigNoz, PagerDuty

PROJECTS

Soteira - Real Time Video Inference, LLMs, OpenCV, YOLO, Python, ML

[GitHub Link](#)

- Built a real-time video inference engine for live natural-language prompts, achieving **~150 ms CPU inference**.
- Implemented a **4-gate pipeline** (motion, scene change, object entry, NLP) using OpenCV, YOLO-nano/YOLOv8n, and ML.

Pair Code - Developer Platform, Node.js, WebSockets, React.js

[Live Link](#)

- Facilitates **real-time** code synchronization across diverse **programming languages**, enabling seamless team collaboration.
- Features an in-built compiler, allowing users to **Compile and Run** code directly within the platform.

SplitWatt - Electricity Bill Splitter, Next.js, Better Auth, Umami

[Live Link](#)

- Built an open-source **electricity bill splitting** app with submeter-based cost distribution and UPI payment integration.
- Reached **129 countries** with **9K+ impressions** at **5.5% CTR** – **~3x industry average** – with zero paid acquisition.
- Achieved **100/100 Lighthouse** across all 4 categories via Next.js bundle optimization and strict security headers.

ACHIEVEMENTS

- Solved over **600 coding questions** on platforms like [LeetCode](#) and [GeeksforGeeks](#).
- [AWS Certified Solutions Architect](#) - Amazon Web Services, 2024
- [Google Associate Cloud Engineer Certification](#) - Google Cloud, 2023

EDUCATION

Chandigarh University – BE in Computer Science and Engineering

CGPA: 8.52 | 2020 - 2024