

Aditya singhal

Software Engineer

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SUMMARY

Full Stack & AI/ML Developer experienced in Django, React, React Native, and TensorFlow. Skilled in building production machine learning systems, enterprise backend services, and generative AI creative pipelines.

EXPERIENCE

Generative AI Artist (Remote)

Teevra Studios

May 2026 – Present

- Delivered production-quality visual assets for corporate clients by engineering repeatable, parameterized generative pipelines across multi-asset campaigns.
- Shipped 7+ projects, directed microdrama production, and produced ad creatives using reusable prompt templates and style presets.

Generative AI Artist (Remote)

TEEVRA STUDIOS

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Apr 2026 – Sep 2026

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AI + Full-Stack Developer Intern

Netpy Technologies

Aug 2025 – Aug 2026

- Built and deployed 3+ production web applications using React and Django REST Framework while integrating ML inference pipelines into backend services.
- Engineered frontend components to visualize AI model outputs in real time, reducing manual review cycles by ~35%.
- Implemented end-to-end AI/ML prediction workflows and automated data pipelines to improve operational efficiency.
- Introduced Pytest-based automated testing and GitHub Actions CI/CD pipelines.

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EDUCATION

Lovely Professional University · B.Tech, MBA, Bachelor of Technology - BTech, Master of Business Administration · 2022 – 2028
Ryan International School · Intermediate · 2021 – 2022

SKILLS

Languages and Frameworks: C++, JavaScript, Python, SQL, TypeScript, Chart.js, Django, Django REST Framework, Express, Framer Motion, Keras, Node.js, React, React Native, React Native (Expo), Scikit-learn, Socket.io, Streamlit, TensorFlow
Databases: Elasticsearch, IndexedDB, MongoDB, Neon (Cloud Postgres), PostgreSQL, Redis

Tools: Adobe Firefly, Celery, Celery Beat, Cloudinary CDN, DeepFace, Docker, Excel, Google Sheets, FaceNet, Firebase, Flux, Flux Kontext, Gemini Vision, Git, GitHub, GitHub Actions, Higgsfield, Hugging Face, Jitsi Meet, JWT, OAuth 2.0, Kling AI, Midjourney, OpenCV, Photopea, Photoshop, Power BI, Pytest, Render, REST APIs, WebSockets, Stripe, Supabase, Vercel, Vite, YOLOv8

PROJECTS

MentIQ — Tri-Platform AI E-Learning Ecosystem

Architected a distributed system across iOS, Android, and web with 21 domain microservices and 17 API route groups, sustaining sub-200ms response times under real-time load. Architected a distributed system across iOS, Android, and web platforms utilizing 21 domain microservices and 17 API route groups. Sustained sub-200ms response times under real-time load using Django REST, React Native, Redis, and Elasticsearch.

Django REST, React Native (Expo), React + Vite, PostgreSQL, Redis, Elasticsearch, Celery, Celery Beat, Groq, Llama 3, Jitsi Meet, WebSockets, Stripe, Cloudinary CDN, Firebase

Kisan Sathi — AI Agritech PWA for Indian Farmers

Built an offline-first, multilingual farming PWA spanning crop management, soil-health tracking, livestock/dairy logs, and finance/inventory records in a single SPA. Built an offline-first, multilingual agritech PWA integrating crop management, soil-health tracking, livestock logs, and finance records. Integrated Gemini Vision, React 19, TypeScript, Express, and IndexedDB for local data persistence.

React 19, TypeScript, Express, Gemini Vision, IndexedDB

Mind Matrix — Full-Stack Blogging, Series & Events Platform

Built a full-stack blogging and event-management platform supporting articles, Series, Seasons, and Episodes. Developed a full-stack blogging and event management platform supporting multi-tiered content structures. Implemented dual authentication, threaded comments, social likes, and automated series management using React, Django REST Framework, and PostgreSQL.

React + Vite, Framer Motion, Django REST Framework, PostgreSQL (Neon), SQLite, JWT, Google OAuth

Additional projects: Real-Time Face Recognition & Emotion Detection, AI Parking Analytics — Aerial Parking Occupancy Detection, MentIQ, MentIQ, Kisan Sathi, Echoes, AI Parking Analytics

AWARDS

Automation Associate Developer, Introduction to IoT, UiPath Academic Alliance Student Automation Developer Associate