

AADITYA SINGHAL

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SUMMARY

AI Engineer skilled in Machine Learning, Deep Learning, and Generative AI, complemented by hands-on experience in building scalable, real-time AI systems on cloud platforms. Skilled in LLM-based applications, multi-agent AI architectures, real-time inference pipelines, and AI-driven automation. Actively seeking roles in Artificial Intelligence, Machine Learning, Generative AI, or Applied AI Engineering.

EDUCATION

B.Tech, Computer Science

KIET Group of Institutions, Delhi NCR

Graduating 2024-2028, 9.49 CGPA

SSSSS Gurukulam (CBSE)

Graduating 2023, 89.4 %

Dhanbad Public School, Hirak Branch (CBSE)

Graduating 2021, 99.2 %

Relevant coursework: Operating Systems, DBMS, OOPS, Cloud Computing

TECHNICAL SKILLS

AI & ML: TensorFlow, Keras, SpaCy, NLP, OpenCV, LLMs, RAGs, LoRA, PyTorch

Programming & Web: TypeScript, Next.js, Express.js, Socket.IO, Flask

Cloud & DevOps: AWS Bedrock, SageMaker, VertexAI, CloudWatch, CI/CD, Docker

Databases: PostgreSQL, MongoDB

Certifications: AWS Cloud Practitioner (In Progress), Docker Essentials (In Progress)

PROJECTS

[Prism Insights – AWS AI Agent Ecosystem](#)

Oct 2025 – Nov 2025

Built a fully AWS-powered multi-agent AI analytics platform using Bedrock, Lambda, DynamoDB, and CDK to optimize MSP operations with real-time insights and autonomous intelligence.

[P.A.R.T.H – GCP AI Interaction System](#)

Nov 2025

Developed a real-time GCP-based human-AI interaction interface with live video, speech processing, and neural response streaming over secure HTTPS/WSS endpoints.

[Tea – Cloud Meeting Automation](#)

Nov 2025

Created a cloud-native AI system for real-time call transcription and automated task execution using LLMs and multi-platform API integrations (Google Meet, Zoom, Teams).

[LexBharat – Cloud Legal Intelligence](#)

Sep 2025

Built a cloud-native AI platform that processes Indian legal documents using LLMs and serverless compute, deployed on GCP for scalable document processing.

ACTIVITIES

Hackathons & Leadership

Organizer and multi-winner across major hackathons.

- Organizer, PortXFolio Hackathon – Scaled event to 1,000+ participants with \$5k+ prizes.
- Winner, SuperHacks – Best Jury Award, Agentic AI Hackathon.
- Winner, Mega Hackathon – Business Innovation Award for building Bidzy (real-time logistics bidding platform).
- Winner, HackOClock – Best Beginners Award.
- Winner, MindTheGapChallenge – Built the winning AI tool.
- SIH'25 Grand Finalist.