

Adithya V.

Software Engineer
New Delhi, India

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PROFESSIONAL SUMMARY

Software Engineer building web applications using React, Node.js, Next.js, and cloud platforms like AWS and OCI. Delivered systems that process over 10,000 transactions daily and reduced infrastructure costs by 30%. Strong focus on performance, maintainability, and clear code. Worked on both frontend and backend for microservices, internal tools, and data platforms across remote teams. 5x Hackathon Winner.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C++, HTML, CSS, SQL

Frontend Frameworks/Libraries: React, Next.js, Angular, Tailwind CSS

Backend Frameworks: Node.js, Express.js, Hono, Django, Flask, Spring Boot

Cloud & DevOps: Amazon Web Services (AWS), Oracle Cloud Infrastructure (OCI), Cloudflare Workers, Docker, Kubernetes, GitHub Actions, Nginx, Prometheus, New Relic, Grafana, Kafka

Databases & ORMs: PostgreSQL, MongoDB, MySQL, Oracle23ai VectorDB, Prisma, Mongoose

Testing & QA: Jest, Cypress, Selenium, Automated Testing, CI/CD

Other Technologies: REST APIs, WebSockets, WebRTC, gRPC, Protobufs, Serverless, Microservices, Git, BitBucket, Jira, Linux, Data Structures & Algorithms, Object Oriented Design, Generative AI, AI Agents

Methodologies & Other Skills: Agile Scrum, Remote Collaboration, Effective Communication, Problem Solving

PROFESSIONAL EXPERIENCE

Software Engineer Intern

Jun 2025 – Jul 2025

Gurugram, Delhi, India (On-site)

- Vimo
- Engineered call recording ingestion pipeline using AWS S3, SQS, AWS Batch, and MongoDB, processing **10,000+ recordings** daily with **99.9% reliability**
 - Developed real-time admin monitoring dashboard using React, Socket.IO, and Express.js, improving **incident detection** speed by **70%** and reducing **issue resolution** time by **50%**
 - Contributed to system architecture decoupling initiatives, enabling **30% reduction in operational costs** and supporting horizontal scalability
 - Collaborated on deployment of conversational AI using Retrieval-Augmented Generation (RAG) technology that **improved client retention by 90%** through automated customer support interactions

Open Source Contributor

Jun 2024 – Apr 2025

San Francisco, CAL, USA (Remote)

- PalisaDoesFoundation
- Fixed the build process of the API and updated production CI/CD pipelines, enabling the on-time deployment of the **MVP** and playing a key role in the organization's selection for **Google Summer of Code 2025**. ([link](#))
 - Drastically improved DockerFile efficiency for the web application, reducing build times and compute by **60%** and Docker image size by over **95%**, significantly **enhancing production readiness**. ([link](#))
 - Enhanced landing page performance, cutting load time by over **70%** through efficient lazy loading, significantly **improving user experience**. ([link](#))

PROJECTS

KarigarMart | Next.js, PostgreSQL, Google Vertex AI, Cloudinary, Google Cloud

Aug 2025 – Sep 2025

- Built a reels-based PWA (Next.js) with HLS video streaming and optimized transcoding pipeline, improving performance by ~70% and enabling smooth e-commerce browsing.
- Implemented automated video ad generation with Google's Veo 3 and GCP Cloud Scheduler, allowing local artisans to easily promote products through weekly reels and reach wider audiences.

Investrix | (Codegenesis Winner) Next.js, Aptos Blockchain, Firebase, AWS S3

Feb 2025 – Mar 2025

- Built a web platform connecting investors with SMEs, featuring a unique patent-pending Aptos blockchain bidding system for secure and fast transactions.
- Integrated OCR + Gemini API for document verification, preventing fraud and ensuring authenticity in investment deals.

ACHIEVEMENTS

- Secured **1st position** out of 50+ teams at E-Summit 2025 organized by IIIT Delhi, winning ₹10,000.
- Secured **1st position** out of 250+ teams at IndustrySolve Hackathon 2025 held at IIIT Delhi
- Awarded ₹20,000 and secured **3rd place** out of 100+ teams at CodeGenesis, held at Microsoft Gurugram.
- Achieved **3rd place** out of 50+ teams at a hackathon organized by North Cap University, Gurugram .
- Winner of the Aptos Track prize and placed in the top 15 out of 1,000+ teams at HackHound 3.0, hosted by SRM Ghaziabad in collaboration with Major League Hacking.

EDUCATION

Guru Gobind Singh Indraprastha University

Bachelor of Technology in Computer Science

New Delhi, India

Aug 2023 – Aug 2027

CERTIFICATIONS

Oracle Cloud Infrastructure Certified DevOps Professional

Issued: Sep 2025

Oracle Cloud Infrastructure Certified Generative AI Professional

Issued: Aug 2025

McKinsey Forward Scholar

Issued: Jul 2025

PUBLICATIONS

- Adithya V., Raghav T., Dr. Nidhi S., Dr. Mudita N. (2025). GreenShield - A Natural Language Processing based approach to prevent greenwashing and attain decarbonization. Springer Proceedings in Energy. Springer, Singapore. https://doi.org/10.1007/978-981-96-4492-6_6
- Adithya V., Raghav T., Prachi S., Dr. Deepika B. (2025). How GenAI is replacing humans: Myth or real. Ethical Considerations in AI: Bias and Fairness in Generative Models. Taylor & Francis. <https://doi.org/10.1201/9781003565703-3>