Adhip Kashyap

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SKILLS

Languages: Java, Python, C/C++, TypeScript, Rust, GoLang, NodeJS | **Cloud:** AWS, Azure, GCP, Kubernetes, Docker, Terraform | **Frameworks:** Spring Boot, Next.js, React, Django, FastAPI, TensorFlow | **Databases:** PostgreSQL, MongoDB, Redis, Neo4j, DynamoDB

EXPERIENCE

TechAhead, Agoura Hils, CA

AI Software Engineer Hoag Medical Group, Newport Beach,CA — Oct 2025 - Present

- Faced with high call center volume, designed and deployed AI voice agents using GPT and Vapi to automate patient appointment scheduling, achieving 80% call deflection across 3,000+ monthly calls.
- Identified config drift issues across environments; implemented GitOps pipeline with Terraform to manage agent configurations, eliminating deployment inconsistencies between dev, stage, and prod.
- Needed reliable quality assurance for AI agents; built comprehensive eval harness with LLM-judged simulations, enabling automated regression testing and compliance reporting.

Client Solutions Architect — Apr 2025 – Present

- Tasked with winning new clients, created technical architecture proposals and designed scalable backend systems, contributing to successful client acquisitions.
- Recognized inefficiency in proposal workflow; developed internal AI tools to automate proposal generation, reducing turnaround time significantly.

Teaching Solved, Tempe, AZ

Founding Engineer — Aug 2024 – Mar 2025

- As first engineer, architected and built full-stack platform (Next.js, PostgreSQL, AWS) enabling 1,000+ educators to create, share, and monetize language learning resources.
- Users struggled to find relevant content; developed custom RAG-based search to surface culturally and linguistically relevant results, improving content discovery.

InduzBuy, Bangalore, India

Software Engineer Intern — May 2023 – Aug 2023

- Legacy PHP codebase slowed development; led migration to Laravel framework, cutting feature lead time by 20% and reducing deployment errors by 40%.
- Manual data processing took 30+ minutes; built BERT-based classification model with 95% accuracy, reducing processing time to 30 seconds.

ICICI Lombard GIC, Bangalore, India

Software Engineer — Oct 2019 – Aug 2022

- Infrastructure costs were unsustainable; migrated monolithic application to auto-scaling microservices architecture, reducing AWS costs by 30%.
- Slow premium calculations frustrated users; implemented Neo4j-based decision tree engine, improving computation speed by 40%.

EDUCATION

M.S. Computer Science, Arizona State University — 2022 – 2024
B.Sc. Mechanical Engineering (Minor: CS), PES University — 2015 – 2019

PROJECTS

LibriCasts (libricasts.adhipk.dev) — Built open-source tool integrating LibriVox audiobooks with PocketCasts, serving thousands of users.
Downmark (downmark.fly.dev) — Created webpage-to-Markdown converter handling JS-rendered content using Chrome Headless.