

Adhip Kashyap

(602)-515-5187 | adhip.kashyap@gmail.com | adhipk.dev | linkedin.com/in/adhip-kashyap | github.com/adhipk | Santa Clara, CA

Machine Learning Engineer with 4 years of experience in applied computer vision and natural language processing. Excited to develop and deploy Codegen and AI productivity tools for better developer experience and to boost efficiency.

Technologies and Languages

Languages: Java, Python, C/C++, TypeScript, Rust, PHP, GoLang, NodeJS.

Cloud & DevOps: AWS (S3, DynamoDB, Lambda, IAM, CloudFormation, SQS, SNS), DigitalOcean, Kubernetes, Docker, Terraform, CI/CD, GCP, Azure.

Databases: MySQL, PostgreSQL, MongoDB, Cassandra, DynamoDB, SQLite

AI Tools: Cursor, WindSurf, Copilot, OpenHands.

Work Experience

Teaching Solved, Tempe, AZ

Founding Engineer

Aug 2024 – Present

Next.js, React, Tailwind, PostgreSQL, AWS Lambda, S3, Stripe, Clerk, Posthog, Google analytics, Sentry

- Designed and implemented a full-stack platform for teachers to create, share, and sell language resources.
- Developed a custom RAG solution to enhance search results based on cultural and linguistic relevance.

InduzBuy, Bangalore, India

Software Engineer Intern

May 2023 – Aug 2023

Laravel, EC2, BERT, Python, TensorFlow

- Improved modularity and cut feature lead time by 20% by migrating from core PHP to Laravel.
- Reduced data processing time from 30 mins to 30 secs with a 95% accurate BERT-based model.
- Decreased deployment errors by 40% by automating EC2 deployments via bash scripting.

ICICI Lombard GIC, Bangalore, India

Software Engineer

Oct 2019 – Aug 2022

Java, Spring Boot, Neo4j, Redis, SQL, React.js, React Native

- Reduced AWS costs by 30% by migrating a monolith to microservices with auto-scalers.
- Improved insurance premium computation speed by 40% using a Neo4j-based decision tree.
- Cut call center revenue loss by 20% during COVID by building a React Native CRM app for sales teams.

Autoninja, Bangalore, India

Software Engineer

Jan 2019 – Oct 2019

Java, Spring Boot, ELK Stack, Sentry

- Decreased support calls by 20% by developing real-time car delivery tracking.
 - Reduced error response times by 70% by implementing internal ELK dashboards to catch misconfigurations in customer deployments.
 - Cut ticket resolution time by 15% by optimizing customer support processes.
-

Education

• M.S. Computer Science, Arizona State University, Tempe

2022 – 2024

• B.Sc. Mechanical Engineering (Minor: CS), PES University, Bangalore

2015 – 2019

Projects and Open Source

- Active member of the Reflex (github.com/reflex-dev) and OpenHands (github.com/reflex-dev) open source Community.

Open Source MathNotes Application

Feb 2025

Python, TensorFlow, tldraw, pic2text, Sympy

- Created an open-source MathNotes application to automatically solve handwritten university-level mathematical equations with an accuracy of 85%.

TCR-Epitope Binding Affinity Prediction

Sep 2023

CNN, Encoder-Decoder, TensorFlow

- Achieved 81% accuracy on 500k+ antigen sequences with a hybrid CNN-encoder-decoder model.
- Enhanced recall by 8% to improve immunotherapy research insights.