

# Adhip Kashyap

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## EDUCATION

### • Arizona State University

M.Sc in Computer Science; GPA: 3.6/4

Tempe, AZ

Aug 2022 – May 2024

## TECHNICAL SKILLS

- **Languages:** Python, JavaScript, TypeScript, SQL, PHP, Java, Go, C++
- **Technologies/Frameworks:** React, NodeJS, NextJS, AWS, Flask, Laravel/Lumen, Springboot, Neo4j, PostgreSQL, Redis, Docker, Elasticsearch, Logstash, Kibana, Apache Spark, Kubernetes, Hadoop, D3.js, Sentry.

## WORK EXPERIENCE

### • Teaching Solved

Software Engineer

Tempe, AZ

Aug 2024 – Present

- **Lesson Magic:** Developed a search engine for language teaching resources using Next.js, with authentication via Clerk, Stripe Integration, and a custom content management system.

### • InduzBuy

Software Engineering Intern

Bengaluru, India

June 2023 – Aug 2023

- **GPT-3 Customer Requirement Parser:** Created a script using GPT-3 and string similarity metrics to parse buyer requirements, normalize supplier catalogue data and find the best matches.
- **Laravel Migration:** Spearheaded the code migration from core PHP to Laravel — introducing a streamlined Model-View-Controller architecture for improved modularity, scalability, and maintainability.

### • ICICI Lombard

Software Engineer

Bengaluru, India

Oct 2019 – Aug 2022

- **Renewals Portal:** Led the development of a major overhaul of the customer renewals portal built using ReactJS and backend microservices in Lumen — reducing renewal process time from 1 hour to under 10 minutes.
- **Work From Home Solution:** Developed a CRM mobile app during COVID-19 lockdowns using React Native and NodeJS, allowing customer relations executives to operate remotely using their phones.
- **Mentoring and Interviews:** Regularly conducted technical interviews and was in charge of mentoring interns, providing feedback and conducting code reviews.

### • AutoNinja

Software Engineer

Bengaluru, India

Jan 2019 – Oct 2019

- **Error Monitoring:** Implemented a custom error monitoring system using Sentry to track and notify the team of errors in customer configurations, reducing number of errors by 80%
- **Vehicle Delivery Tracker:** Designed and developed a feature allowing customers to track the delivery of their vehicles from repair shops in real time

## PROJECTS

- **LLM Science Exam:** Trained a DeBERTa-v2 LLM to answer STEM Multiple-choice questions as part of my Data Mining class. Developed a knowledge retrieval system using Cohere APIs and TF-IDF to provide the model with additional contextual information.
- **Scalable Data Processing Pipeline:** A scalable data-processing pipeline to parse and analyse the open NYC taxi dataset using neo4j, Apache Spark, Hadoop, and Kubernetes.
- **LibriCasts** [libricasts.adhipk.dev](https://libricasts.adhipk.dev): A work-around for importing public domain audiobooks from librivox.org to PocketCasts, by hosting fixed RSS feeds as Github Gists
- **Chasing Squirrels** [chasing-squirrels.adhipk.dev](https://chasing-squirrels.adhipk.dev): A web app using d3.js and HTML visualising human-squirrel interactions on a random day from the NYC squirrel census dataset.