Adhip Kashyap

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EDUCATION

- **Arizona State University** Tempe, AZ
  M.Sc in Computer Science; GPA: 3.52/4 *Aug 2022 – May 2024*
    - **Courses Completed**: Combinatorial Algorithms and Intractability, Modeling & Simulation Theory, Knowledge Representation and Reasoning, Data Processing at Scale, Applied Cryptography, Perception in Robotics, Algorithms in Computation Bio, Data Mining, Engineering Blockchain Applications.
    - **Currently Taking**: Data Visualization
    - **Notable Projects**:
        * Created a comprehensive data-processing pipeline using neo4j, Apache Spark, Hadoop, and Kubernetes as part of my Data processing at Scale class.
        * Participated in a Kaggle Competition (kaggle.com/competitions/kaggle-llm-science-exam/) to train a Large Language model (LLM) to answer STEM Multiple-choice questions as part of my Data Mining class.
- **PES University** Bengaluru, India
  B.Tech, Mechanical Engineering with Minors in Computer Science; GPA: 7.6/10.0 *Aug 2015 – July 2019*
    - **Relevent Coursework**: Data Structures, Algorithm Design, DBMS, Operating Systems

TECHNICAL SKILLS

- **Languages**: python, JavaScript, SQL, PHP, Java, C, C++

- **Technologies/Frameworks**: ReactJS, Redux, AngularJS, AWS, Flask, Laravel/Lumen, neo4j, Redis, Docker, Sentry, nodeJS, ElasticSearch, PyTorch, TensorFlow, Solidity.

EXPERIENCE

- **InduzBuy** Bengaluru, India
  Software Developer Intern *June 2023 – Aug 2023*
    - **GPT-3 Customer Requirement Parser**: Built 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 migration of the existing code base from core PHP to Laravel — introducing a streamlined Model-View-Controller architecture for improved modularity, scalability, and maintainability.
- **ICICI Lombard** Bengaluru, India
  Software Developer *Oct 2019 – Aug 2022*
    - **Renewals Portal**: Led the development team tasked with a major overhaul of the customer portal built on ReactJS and backend microservices in Lumen — reducing renewal process time from 1 hour to under 10 minutes.
    - **Rule Engine**: Created a GraphDB-based rule engine using Neo4j to compute key components of the insurance premium, improving load times and maintainability by detecting and ignoring redundant rules.
    - **Work From Home Solution**: Built a CRM mobile app during COVID-19 lockdowns using React Native and NodeJS, allowing customer relations executives to operate remotely using their phones.
- **AutoNinja (acquired by ICICI Lombard in Oct 2019)** Bengaluru, India
  Software Developer *Jun 2019 – Oct 2019*
    - **CRM Solution**: Developed APIs in Python/Flask and Laravel for the pre-sales CRM console, enabling automated report generation and enhanced business management for clients.
  Technical Intern *Jan 2019 – Jun 2019*
    - **Event Management Potal**: Designed and implemented PHP/Laravel SQL tables and APIs to create, manage, and track promotional events for clients, alongside an AngularJS-based frontend enabling customers to access and download auto-generated reports.

PERSONAL PROJECTS

- **Spotify Discover Weekly History**: Created a web app to record Discover-weekly playlist history.
- **PocketCasts-LibriVox imports**: Built a tool in nodeJS to import public domain audiobook RSS feeds from librivox.org into PocketCasts, a podcast app