

## EDUCATION

---

- **Arizona State University** Tempe, AZ  
*M.Sc in Computer Science; GPA: 3.39/4* *Aug 2022 – May 2024*
  - **Courses Completed:** Combinatorial Algorithms and Intractability, Modeling & Simulation Theory and Application, Knowledge Representation, Data Processing at Scale, Applied Cryptography, Perception in Robotics.
  - **Currently Taking:** Algorithms in Computation Bio, Data Mining, Engineering Blockchain Applications.
  - **Notable Projects:**
    - \* Implemented a Visual In-context Learning model for computer vision tasks as part of my Perception in Robotics class.
    - \* Currently participating in a Kaggle Competition ([kaggle.com/competitions/kaggle-llm-science-exam/](https://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*
  - **Relevant Coursework:** Data Structures, Algorithm Design, DBMS, Operating Systems

## TECHNICAL SKILLS

---

- **Languages:** python, PHP, JavaScript, SQL, Java, C, C++
- **Technologies/Frameworks:** Laravel/Lumen, ReactJS, Redux, AngularJS, AWS, Flask, 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.
    - \* Developed internal debugging tools using Elasticsearch deployed on AWS Lambda to identify and rectify data entry errors. This aided in catching critical errors in the application configs.
  - **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 Portal:** 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](https://librivox.org) into PocketCasts, a podcast app