

EDUCATION

- **Arizona State University** Tempe, AZ
M.Sc in Computer Science *Aug 2022 – Present*
 - **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.
- **PES University** Bengaluru, India
B.Tech, Mechanical Engineering with Minors in Computer Science; GPA: 7.6/10.0 *Aug 2015 – July 2019*

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, Spring Boot.

EXPERIENCE

- **InduzBuy** Bengaluru, India
Software Developer Intern *June 2023 – Aug 2023*
 - **Excel import:** Designed and Implemented multiple micro-services in various languages like python, nodeJS, and Laravel to process Excel data and import it into an SQL database.
 - **Laravel Migration:** Initiated the migration of the existing code base from core PHP to Laravel — introducing a streamlined Model-View-Controller (MVC) architecture for improved modularity, scalability, and maintainability.
- **ICICI Lombard** Bengaluru, India
Software Developer *Oct 2019 – Aug 2022*
 - **Renewals Portal:**
 - * Led a team of 4 developers in a major overhaul of the customer portal, resulting in a simplified, mobile-first design built with ReactJS — reducing renewal process time from 1 hour to under 10 minutes.
 - * Led the design and implementation of internal debugging tools using ElasticSearch to identify and rectify data entry errors.
 - **Rule Engine:** Created a GraphDB based rule-engine using neo4j and python to compute key components of the insurance premium, improving load times and maintainability by automatically detecting and ignoring redundant rules.
 - **Work From Home Solution:** Built a CRM mobile app using React Native and NodeJS, allowing customer relations executives to work 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 into PocketCasts, a podcast app