

EDUCATION

University of Colorado at Boulder, Boulder, CO, USA

May 2025

Masters of Science, **Computer Science**

- GPA: 4/4

CMR University, Bengaluru, KA, India

Aug 2020

Bachelors of Science, **Computer Science**

- Awards: Gold Medal, First Rank Award, CMR Jnanadhara Scholarship, CMR Merit Based Scholarship
- GPA: 9.41/10

SKILLS & CERTIFICATIONS

- **Technical Skills:** Python, Java, Flask, Pandas, Amplitude, React.js, JavaScript, HTML, PL/SQL, SpringBoot, MySQL, Neo4J, Oracle APEX, Redis, AWS, Docker, Git, Jupyter, JUnit, Mockito, Pytest, Unittest, Postman, Tomcat, React.js
- **Certifications:** AWS Cloud Practitioner, CodePath Certificate in TIP, LetsUpgrade Java Programming & Python Essentials

EXPERIENCE

Software Engineer, Quinnox, Bengaluru, KA, India

Jan 2021 – Jul 2023

- Optimized REST APIs using Java and Spring Boot in an Agile environment, reducing compute time by 50% through advanced caching mechanisms, enhancing API performance and reducing latency.
- Automated data processes from Excel, Amplitude, and MySQL to Neo4J using Python, achieving a 30% reduction in data injection time through lazy computation with the Dask DataFrame library.
- Developed the Labor Planning Tool for Martin Brower using Oracle APEX and PL/SQL, leveraging low-code/no-code capabilities to create efficient applications tailored to client needs.
- Built an automatic payment status tracker using AWS Lambda, Stripe, and Springboot, streamlining billing operations and improving payment tracking accuracy.
- Developed robust, maintainable code following Test-Driven Development (TDD) principles, utilizing Mockito and JUnit for Java unit testing, as well as pytest and unittest for Python, ensuring high code quality and test coverage.
- Developed an object detection POC for warehouse monitoring, reaching 86% detection accuracy and earning the 2022 On-the-Spot Award.
- Improved search functionality in Home Healthcare Orders (HHO) with radial and multi-field search, and established a live sync service in Springboot, improving data search and synchronization.

NLP Software Intern, Senseforth AI, Bengaluru, KA, India

Mar 2020 – May 2020

- Constructed scalable document parsers for PDFs, PPTs, and Word documents using Python and NLP techniques, extending the capabilities of the KnowledgeBot parser with the NLTK library.
- Modified the open-source code of PDFBox to retrieve font information, indentations, and distances within PDF documents, enhancing text representation and extraction accuracy.

PROJECTS

Career Compass

Sept 2023 – Oct 2024

- Designed and implemented a job search management [webapp](#) with React, Java Springboot, and AWS RDS.
- Applied OOAD patterns in Springboot REST architecture, optimizing deployment with AWS S3, Lambda and CloudFront.

React UI Dropzone

Apr 2022 – June 2022

- Forked and enhanced the material-ui-dropzone library, adding features like previewText, dropzoneText, onSave, and onClose to improve file handling and user feedback for the developers.
- Achieved over 2,000 total downloads on [NPM](#), with an average of 37 weekly downloads.

Smartphone Like-Dislike Classification

Jan 2020 – Aug 2020

- Engineered MP Neuron and Perceptron models using Python for predicting market acceptance of phones with 82% accuracy.
- Published findings in [IEEE paper](#), accumulating 111 full-text views, highlighting its growing impact and relevance.

ACHIEVEMENTS

- Received the 2022 On the Spot Award and the 2021 Pat on the Back Award for outstanding performance & contributions.
- Awarded the Gold Medal for securing first place throughout my Bachelors in Computer Science and Engineering.

- Won the Zonal Level title in the Azure Skynet Hackathon, organized in collaboration with IIT Hyderabad in 2018.

VOLUNTEERING EXPERIENCE

- **Voice of Stray Dogs:** Led initiatives to improve animal welfare, promoting responsible pet ownership.
- **Make A Difference:** Empowered underprivileged youth through education, contributing to their professional growth.
- **INGLU Climate Warriors:** Led environmental sustainability efforts through impactful initiatives.