

## PROFILE

Data Science Student with 2 years of experience at Informatica as an product support engineer for the product - Cloud Data integration. skills.

Resolved 950+ customer cases, published knowledge articles, and maintained A+ grades in the Master's program.

## EMPLOYMENT HISTORY

- **Associate Software Engineer, Informatica, Bangalore** *Oct 2022 – June 2024*
  - Resolved complex customer issues in Global Customer Support, worked under very critical conditions like the production systems being down, Proof of concept, etc.
  - Developed expertise in SQL, scripting, and network mechanisms.
  - Collaborated across teams for optimal product deployment.
- **Intern, Informatica, Bangalore** *Feb 2022 – Oct 2022*
  - Gained hands-on experience with Cloud Data Integration tools.
  - Authored technical articles and videos.
- **Front End Developer, Compsoft Technologies, Remote** *2022*
  - Built a CGPA and SGPA calculator for the 2018 scheme to address missing credits and scores in existing online applications.
  - Utilized custom formulas to compute SGPA and CGPA, providing students with accurate results in compliance with the latest scheme.

## EDUCATION

- **Master's in Data Science, Arizona State University, Tempe** *Aug 2024 – Present*
  - A+ Grade in 1st Semester; Experience with Docker, Kubernetes, Kafka, Neo4j, SQL.
  - Conducted performance optimization using OpenMP.
- **BE in Information Science, Vidyavardhaka College of Engineering** *Aug 2018 – Jul 2022*
  - CGPA: 8.82; Studied data structures, AI, machine learning.
  - Programming skills in C++, Java, Python.

## KEY PROJECTS

- **Graph Exploration of NYC Taxi Trips** *Nov 2024 – Dec 2024*
  - Built a graph analytics platform using Neo4j, Docker, and Kubernetes.
  - Implemented real-time data streaming and applied graph algorithms for insights using kafka and Neo4j.
- **NYC Taxi Data Processing** *Oct 2024*
  - Processed NYC Taxi dataset for route optimization.
  - Utilized Apache Spark, Python, and PostgreSQL for ETL and analytics.
- **Air Gesture Keyboard** *2021 – 2022*
  - Published Research Paper on hand gesture recognition achieving 96% accuracy.
  - The product recognizes the gestures made in the air and translates it to the corresponding letter, it can be trained in any language, but the testing was performed for english.
  - Designed a user-friendly air gesture keyboard system.
- **Notable Projects with GitHub Links**
  - Motion Sensor System - [GitHub]
  - Police Station Database Management - [GitHub]
  - Clothing Store Inventory App - [GitHub]
  - SGPA Calculator - [GitHub]
  - Shallow Water Equations in OpenMP - Parallelized solutions for high-performance computing.
  - Contact Application - [GitHub]
  - Processing Subreddits - Processed 4M+ subreddit rows, stored in PostgreSQL, performed complex queries.

## SKILLS & TECHNOLOGIES

### Technologies

- Informatica, Azure DevOps
- Linux, Snowflake
- Kubernetes, Docker
- Apache Spark, Kafka
- Neo4j, PostgreSQL
- AWS (S3, EC2, Redshift)
- Postman, GitHub

### Programming

- Python
- Java
- C/C++
- SQL
- Shell Scripting
- Neo4j Cypher
- Scala

## COMMUNITY & ACHIEVEMENTS

- Volunteer for Robinhood Army.
- Marathoner, Duathlon Athlete.
- Key Opinion Leader, Saucony Running Shoes India.
- Organized Barcamp on Leading Technologies.