

A results-driven Data Engineer with **3+ years of hands-on experience** in the development of scalable software applications. Proficient in designing and implementing efficient data pipelines, utilizing advanced ETL techniques and cloud-based technologies. Skilled in software development methodologies, including Agile, and proficient in multiple programming languages such as Python, Java, and BigQuery. Consistently demonstrating exceptional **time management** by meeting all pre-established and adhoc business deadlines while maintaining **high-quality standards**.

## EDUCATION

**Bachelor of Technology, Computer Science and Engineering**, Nirma University, PPI: 8.32/10.00  
**Higher Secondary Education, Science**, Kendriya Vidyalaya, %age: 95.4 %

**Jun 2018 — Jun 2022**  
**Mar 2016 — Mar 2018**

## EXPERIENCE

### Walmart Global Tech India

Bengaluru, Karnataka

Software Development Engineer III (Full Time)

Jun 2022 — Current

- Enhancing operations by developing a monitoring dashboard using **Spring Boot** which is expected to save approx. **80%** of Engineering efforts.
- Revamped an essential part of the data pipeline, resulting in a **50% faster processing time** and significantly improving overall workflow efficiency.
- Excellence Award** - Honored with the Excellence Award for demonstrating a **commitment to customer-first strategies**.
- Three-time recipient of the Bravo Award for Engineering Excellence, Innovation, and Impact** - Awarded thrice for developing and implementing solutions that saved nearly **6 days of engineering time and resources** per month.

### Crest Data Systems

Ahmedabad, Gujarat

Software Engineer (Intern)

Jan 2022 — May 2022

- Developed and worked on a network monitoring app that captures and analyzes logs generated by a network. Provided search and dashboard functions for different business use cases.
- Utilized **Splunk** and **Python** extensively during the internship to analyze logs and extract meaningful insights for operational improvement.

### CodeTrophs

Remote

Machine Learning Engineer (Intern)

Dec 2020 — Feb 2021

- Data collection of open-access research papers using **Web Scraping**. Wrote a **Python** script for downloading research papers from Google without getting blocked.
- Developed a **Natural Language Processing** model that predicts the domain area of the research paper using the abstract and keywords of the paper. The precision achieved was around **60%**.
- Coordinated with the front-end team to develop a front-end of the application based on the required input from the user to run the model. See my work [here](#).

## PROJECTS

### Admission System in Java

- A console-based admission system written in Java that allows students to enter their details such as name, marks, branch preferences, and contact details. Based on the scores of all students and their preferences, the branches are assigned to the students.
- Includes implementation of various Java concepts such as **Object Oriented Programming (OOP)**, **Exception Handling**, **File Handling**, and **Sorting**. See my work [here](#).

### Handwritten Digit Recognition

- A GUI-based application that takes a handwritten digit as input and classifies it in the digits. The GUI is made using the **Tkinter** framework. The model is an ANN implemented from the ground up using the Python programming language. The accuracy of the model achieved is **92%**.
- The different libraries used in the project are **Numpy**, **Tensorflow**, and **Keras**. Implements a stochastic gradient descent inside the class Network. See my work [here](#).

## SKILLS

### Programming Languages

C++, Java, Python, Scala

### Libraries / Frameworks

Apache-Spark, Apache-Airflow, Apache-Kafka, Apache-Parquet, Delta Lake, Spring Boot

### Databases

SQL, MySQL, BigQuery

### Tools / Platforms

Git, GitHub, Shell, Linux, Microsoft Office, Hadoop, Docker, Kubernetes, Google Cloud Platform, Amazon Web Services