

Education

Dharamsinh Desai University

Master of Technology in Computer Engineering

Charotar University of Science and Technology

Bachelor of Technology in Computer Science and Engineering

Sep 24 - May 26

CPI 8.59/10 (Current)

Aug 2020 - May 2024

CPI 9.22/10

Skills

Languages and Databases: C, C++, Java, Python, MySQL, Oracle, MongoDB

Tools: PowerBI, Tableau, Jupyter Notebook, Figma, Git, Github,

Web Development: HTML, CSS, JS, Django, ReactJS, Bootstrap

Work Experience

App Genesis Soft Solutions

Mar 2024 – Aug 2024

Backend Developer Intern

- Developed and deployed a full-stack news web application using **Django**, supporting role-based access control for over **4** distinct user roles: Reader, Writer, Supervisor, and Superuser.
- Integrated **social authentication**, custom permission classes, and dynamic content rendering based on user roles, improving content security and editorial workflow automation.
- Designed and implemented **15+** backend endpoints to handle article creation, user permissions, and editorial workflows, reducing backend response time by **30%** through optimized query handling.

Exposys Data Labs

May 2023 – Jun 2023

Data Science Intern

- Completed **40+** hours of hands-on training on data manipulation and visualization using Pandas, NumPy, and Matplotlib.
- Applied **5** regression models (Linear, Logistic, Decision Trees, SVM, Ridge) to predict car prices with an accuracy of up to **87%**, using a dataset of **5,000+** entries.

Silver Touch Technologies Ltd.

May 2022 – Jun 2022

Software Developer Intern

Ahmedabad

- Spearheaded a frontend project which was developed for **Bombay High Court** which was based on designing and development of landing page of the company.
- Dealing with JavaScript and HTML, CSS and Content Management System (CMS) provided valuable insight into web development.

Projects

Customer Churn Analysis

- » Python
- Analyzed a dataset of **7,043** telecom customer records to identify key churn indicators using pandas, seaborn, and scikit-learn
- Performed feature engineering and found that customers with monthly contracts had a churn rate nearly **40%**, nearly thrice higher than yearly contract users.

Marketing Campaign Effectiveness Dashboard

- » Tableau
- Built an interactive dashboard using Tableau to analyze a marketing dataset of **2,240+** customer records and **6** campaigns
- Segmented customers by education, income, and marital status, revealing that customers with graduate education had a conversion rate of **18.3%**, nearly **2x** higher than others.

E-Commerce Product Feedback and Trend Analysis

- » PowerBI
- Analyzed over **15,000** Amazon product reviews using **Power BI** to understand customer sentiment and product performance.
- Created visuals for average rating, 5-star review %, and verified purchase rates across product categories

Scholar Shelf: A resource management application

- » MERN Stack
- ScholarShelf** is a specialized platform for CHARUSAT students, built with ReactJS, ExpressJS, NodeJS, and MongoDB which utilizes Axios for efficient HTTP requests and Redux for state management.
- Currently, the platform boasts over **3K** active users and **10K** page views, leveraging server-side rendering for optimal performance and real-time analytics for insightful user engagement metrics.
- The application incorporates JWT authentication for secure user access, employs Mongoose for streamlined database interactions, and utilizes WebSocket for real-time updates in discussion forums and notifications.