

# SHAJITHA BARVEEN M

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## CAREER SUMMARY

To be a part of the company that indulges professional growth which provides challenging and rewarding career while allowing me to utilize my knowledge and skills.

## PROJECTS

### Automatic Traffic Light System

- Developed as a first-semester project to optimize traffic management.
- Utilized sensors to detect vehicle movement and adjust light timing dynamically.

### Sea Level Predictor

- Developed a Sea Level Predictor using Python, pandas, and matplotlib to analyze historical sea level data and identify trends over time.
- Performed data cleaning, visualization, and predictive analysis to forecast future sea levels, demonstrating practical application of data analysis techniques.

### Centralized Dashboard for College Administration

- Designed and developed a centralized web-based dashboard to streamline the administration and monitoring of various departments and activities within a college. The system serves as a single interface for visualizing, uploading, and managing data such as student enrollment, academic performance, faculty details, events, and departmental resources.

## SKILLS:

### *Technical Skills:*

Python | MySQL | MS Excel | Tableau | Data Visualization | Data Analysis

## EDUCATION

### *J.P. College OF Engineering (2021 – 2025)*

Bachelor of Computer Science and Engineering

**CGPA: 8.61**

## VIRTUAL INTERNSHIPS

### **Deloitte Australia – Data Analytics Virtual Internship (Forage)**

- Gained hands-on experience in data cleaning, analysis, and visualization using Excel and Power BI to provide actionable insights for a fictional client.

### **Accenture North America – Data Analysis & Visualization Virtual Internship (Forage)**

- Completed a simulated client project involving data wrangling, dashboard creation in Tableau, and identifying trends to improve customer experience.
- Delivered analytical solutions with visual storytelling to support strategic decision-making in a business scenario.

## CERTIFICATIONS AND ACHIEVEMENTS

- Awarded **Topper of the Semester** for consecutive terms in recognition of academic excellence.
- Completed **Scientific Computing with Python** certification from **freeCodeCamp**, gaining hands-on experience in Python programming and problem-solving.
- Completed the **Data Analysis with Python certification** from **freeCodeCamp**, gaining hands-on experience in data cleaning, visualization, and analysis using Python, pandas, and matplotlib.