

Amisha Antiya

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EDUCATION

Master of Science in Computer Science, GPA: 3.76/4

Stevens Institute of Technology

Aug 2021 – May 2023

Hoboken, NJ

Bachelor of Engineering in Information Technology, GPA: 8.37/10

University of Mumbai

Aug 2016 – Oct 2020

Mumbai, India

WORK EXPERIENCE

Software Developer Volunteer *Bright Mind Enrichment & Schooling*

Oct 2023 – Present *Jersey City, NJ*

- Maintaining and improving the existing code base of a Street Care **Android app** built using **Kotlin**
- Implemented **API integration** for seamless data exchange by utilizing **Firebase** for back-end integration
- Collaborated with developers for code refactoring to bolster code reliability, improving user experience by 40% and successfully launched the app on the **Google Play Store** with 500+ downloads

Data Analyst Intern *Appz*

Feb 2023 – May 2023 *Queens, NY*

- Automated processed data records deletion from network shared drive by developing **Extract, Transform, Load (ETL)** process using **SQL Server Integration Services (SSIS)**, cutting manual deletion time by 98%
- Created a **Tableau** dashboard to track the data migration status of a large (53 million records) data set
- Performed requirement gathering and drafted technical as well as non-technical implementation documents

Seasonal Risk Analyst Intern *New York Community Bank*

May 2022 – Aug 2022 *Hicksville, NY*

- Spearheaded communication with stakeholders from 7+ business units to identify root causes and mitigation strategies for potential IT risks, strengthening risk mitigation by 25%
- Partnered with an intern to assess 300 IT risk controls and tackled gaps through mitigation measures, accelerating the KPMG audit by 15%

Teaching Assistant- Data Structures *Stevens Institute of Technology*

Feb 2022 – Dec 2022 *Hoboken, NJ*

- Instructed intricate technical principles of data structure algorithms (using **Java**) with clarity and conciseness, leading to a significant 40% improvement in the success rate

Application Development Trainee *Accenture*

May 2021 – Aug 2021 *Mumbai, India*

- Designed front-end using **JavaScript**, **CSS** with client-side validation, reducing data input errors by 20%
- Built **Java** model to establish a robust **SQL server** database, capturing document access details of each document obtained from the front end by utilizing **FileNet API**, resulting in a 40% improvement in database efficiency

Business Data Analyst *WhiteHat Education Technology*

Sep 2020 – Dec 2020 *Mumbai, India*

- Collaborated with a **cross-functional team**, resolving tech issues for seamless online learning
- Proposed and implemented innovative service ideas based on the analysis, driving a 30% rise in customer retention

PROJECTS

Budget Expense Tracker

- Built full stack website using **JavaScript**, **React**, **HTML**, and **CSS**, enabling users to effectively manage their finances and create budgets
- Created a database using **MongoDB** to keep track of users' earnings, expenses and to generate statements

Family Tree Analysis

- Created user stories for querying data and developed **Python**, and **SQL** model using Agile methodology
- Led sprint cycles as a Scrum Master conducting daily stand-up meetings and performing unit testing

Fraudulent Transaction Data Analysis

- Developed a model for predicting fraudulent transactions based on a balanced data set of financial companies
- Implemented **Machine Learning algorithms** and visualized large data set using **Python** libraries like Matplotlib and Seaborn to demonstrate statistics of types of transactions

Stock Price Analysis

- Executed rolling window estimation on stock price data and crafted **visualization** using the ggplot2 library in **R**
- Leveraged **API-driven PostgreSQL** querying to meticulously capture data for a robust database

TECHNICAL SKILLS

Languages: Python, SQL, R

IDE: Visual Studio Code, RStudio, Jupyter Notebook

Databases: PostgreSQL, Microsoft SQL Server, MongoDB, IBM DB2, Toad, MySQL, NoSQL, Firebase, Snowflake

Tools: Tableau, Power BI, Git, Alteryx, Jira, AWS, SharePoint, ServiceNow, Confluence, Trello, MS Office