

Mohnish Raval

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EDUCATION

George Mason University

M.S. in Computer Science: GPA: 3.67/4.0

Fairfax, VA

Expected May 2024

- Courses: Database Management Systems, Mathematical Foundations of CS, Comp Systems and System Programming

SRM Institute of Science and Technology

B. Tech in Computer Science and Engineering, GPA: 8.39/10

Chennai, IN

May 2020

- Courses: DBMS, OOPS, Data Structures, Cloud Computing

TECHNICAL SKILLS

- Languages: C++, Python, JavaScript (React/Node), TypeScript(Angular), HTML5/CSS, SQL.
- Cloud Platforms: Amazon Web Services, Azure.
- Databases: MySQL, Postgres
- Other Tools: GitHub, Docker.

WORK EXPERIENCE

Accenture

Bengaluru, IN

Full Stack Engineering Analyst [Angular, Typescript, Azure, Cypress, Protractor]

Jun 2022 - Aug 2022

- Collaborated with backend team to test, maintain and integrate REST APIs pertaining to financial data in the GUI dashboard resulting in a 30% increase in data accuracy and accessibility for users.
- Led feature design and development, identified potential improvements in application framework, rolled out bug fixes, tested new changes end to end and reviewed code changes to maintain code quality.
- Implemented unit tests and integration tests using Jasmine, Cypress and Protractor increasing the code coverage to 98%.
- Designed and developed a new user interface from scratch, resulting in a 40% increase in user satisfaction

TakenMind Inc

Chennai, IN

Intern [Python, Excel]

Mar 2019 - Apr 2019

- Leveraged the NumPy library to efficiently solve array indexing, statistical processing, and conditional clauses problems.
- Utilized pandas framework to perform seamless conversion of CSV and Excel files.
- Demonstrated working in using data manipulation libraries such as NumPy and pandas.
- Assisted in documenting and maintaining the company's technical knowledge base, improving the team's efficiency and productivity.

Hindustan Coca-Cola Beverages Pvt Ltd.

Ahmedabad, IN

Software Engineer Intern [Salesforce CRM, Excel]

Jun 2018 - July 2018

- Identified the functionality of Salesforce CRM software and applied it to gather retailer's data.
- Analyzed project requirements and proposed solutions for automating the company warehouse
- Gathered and analyzed metrics to improve the efficiency of the system.
- Demonstrated ability to work with enterprise software and to analyze and improve business processes.

PROJECTS AND RESEARCH

Covid Tracker

Aug 2020 - Oct 2020

- Developed a web-based Covid-Tracker application using ReactJS to display daily statistics of Coronavirus cases by country.
- Implemented dynamic data visualization to display real-time data on confirmed cases, recovered cases, and deaths.
- Utilized public API to retrieve and display accurate data on the spread of the virus by country.

Personalized Diet Recommendation System(SRM IST)

Jan 2020 - May 2020

- Developed a final year project, "Personalized Diet Recommendation System," using machine learning algorithms such as K-Means Clustering and Random Forest.
- Implemented a user-friendly interface for inputting personal data, including age, height, dietary preferences, weight, and desired outcome (weight loss, weight gain, or healthy food).
- Demonstrated the ability to apply machine learning techniques to real-world problems, specifically in the field of dietetics and nutrition.