

Tanmay Maity

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EDUCATION

University of Wisconsin-Madison | Madison, WI

September 2023 – Present

Masters of Science in Information Science

University of Mumbai | Mumbai, India

November 2020

Bachelor of Engineering in Computer Engineering

PROFESSIONAL EXPERIENCE

Accenture, Mumbai, India

November 2022 – July 2023

Application Development Analyst

- Enhanced strategic and operational decision-making through the provision of data-driven insights and reporting, resulting in a 10-15% improvement in project outcomes.
- Achieved completion of administrative tasks, including project operations support and deliverable management, contributing to a 30% increase in operational efficiency and project delivery speed.
- Executed and managed project activities, ensuring adherence to objectives, timelines, and financial parameters through rigorous governance practices; delivered exceptional results that notably improved client satisfaction by up to 20%.

Associate Software Engineer

June 2021- October 2022

- Implemented Angular to architect an advanced application, revolutionizing client onboarding and environment setup; delivered an exceptional 40% reduction in setup time, driving efficiency gains and enhancing overall client experience.
- Optimized the design and functionality of the documentation tab using Angular and Bootstrap, driving a remarkable 25% improvement in user experience during API binding, enabling efficient information retrieval and boosting productivity.
- Led discussions with stakeholders, contributing to a 20% improvement in stakeholder engagement and team collaboration.

Rabi Industries, Mumbai, India

December 2020 – May 2021

Intern

- Developed and deployed software code for web applications using HTML5, CSS, JavaScript, and PHP, leading to a 35% increase in user engagement due to enhanced user experience.
- Integrated applications with back-end databases, resulting in a 25% reduction in data retrieval times and a 40% improvement in data integrity.
- Optimized web application performance, achieving a 20% faster load time and a 50% decrease in server response times.

PROJECTS

House price prediction using Machine Learning

- Collaborated with cross-functional teams to gather requirements, validate design choices, and ensure the successful integration of the graphical user interface with other project components.
- Leveraged pandas for efficient data extraction and pre-processing from a vast housing dataset, training a multiple linear regression model with accuracy (R-squared = 0.85).

Analysis of Meteorological Data

- Processed over 10,000 data points on temperature, pressure, humidity, and wind speed to conduct rigorous data cleaning and statistical analysis for hypothesis validation.
- Harnessed Python's data processing and machine learning capabilities to convert a raw meteorological dataset into actionable insights; the development of predictive models with 95% accuracy highlighted the project's success.

Strategies to Accrete Investors and Startup for Seed Funding through an Android App

- Researched the limitations of the existing system and concurrently worked on the prototype and UML diagram.
- Engaged in crafting the user interface design for the startup and investor platforms and Implemented the code for user interface of Investor, notification feature and database.

TECHNICAL SKILLS

- Programming Languages:** Python, SQL, MySQL, Angular, JavaScript, HTML5, CSS3, Bootstrap.
- Tools and Frameworks:** Git, Tableau, Visual Studio, Microsoft Excel, Power BI.