

UTSAV SARKAR

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WORK EXPERIENCE

MAQ Software

Delhi

Software Engineer

July, 2022 - April, 2023

- Developed "BVM Composer App" using **React** and **TypeScript**, replicating Microsoft Power Apps, that resulted in the fast and smooth performance of the application boosting user engagement by 20%.
- Established and maintained translation services for the web application using **C#** and **Azure SQL** with the complete engagement of CRUD commands that resulted in a 40% reduction in the transition time.
- Coded multiple REST APIs using **ASP.NET** to establish communication between the application and backend services, resulting in a significant 2-second reduction in response time that enhanced the overall performance of the application and smooth user experience.
- Debugged and resolved 90% of software issues within 24 hours, minimizing system downtime.
- Collaborated with clients to gather requirements and provide technical solutions resulting in a 100% satisfaction rate.

Associate Software Engineer

October, 2021 - June, 2022

- Designed 15+ reusable **React** components, slashing development time by 30%.
- Harnessed external libraries like React Flow, React Checkbox, etc. to boost front-end development speed by 40%.
- Incorporated **React**-based like/dislike feedback feature, improving insight into specific feature preferences, leading to a remarkable 25% boost in user engagement and feedback analysis.
- Automated 90% of email-related tasks using **Microsoft Logic Apps** that improved communication efficiency by 80%. This implementation reduced the manual log efforts.
- Improved application control and accessibility by deploying 20+ helper functions for re-usability and for the smooth development process that led to a 20% reduction in bug formation.

SKILLS

Languages: Python, C++, React, C#, TypeScript, Javascript
Tools: Tableau, Material UI, Power BI, Fluent UI
Frameworks: Streamlit, Flask, ASP.NET

PROJECTS

MakeMyFood *React, TypeScript*

🔗 Web App Link

Developed a highly interactive food-making web app using React and TypeScript, where users can create their own food journey, like telling a story. Users can add their own recipes and search for recipes.

Finance Tracker *React, JavaScript*

🔗 Web App Link

Created a React-based finance tracker application utilizing Material UI for enhanced component design. Offers detailed day-to-day financial analysis and includes various graph visualizations.

Shopping Trend Analytics *Tableau*

🔗 Dashboard Link

Utilized Tableau to analyze the shopping trend dataset of 10,000+ rows, and implemented graphical interfaces to extract insights for strategic sales growth decisions in various cross parameters.

Loan Approval Prediction *Python, Streamlit, ML*

🔗 App Link

Created a Loan Approval Prediction Web App with over 82% accuracy. Enabled informed financial decision-making and streamlined the loan approval process for my personal project.

EDUCATION

Galgotias University

Greater Noida

B.Tech Computer Science *GPA: 7.50*

2018 - 2022

Delhi Public School

Dhanbad

Higher Secondary *GPA: 8.3*

2017 - 2018

DAV Public School

Dhanbad

Secondary *GPA: 9*

2015 - 2016

COURSES

Machine Learning and Data Science - Udemy

Introduction To Python Programming - Udemy

React JS - Scrimba