

Samarth Bhatia



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Software Engineer

EDUCATION

Maharaja Agrasen Institute of Technology

Bachelor of Technology in Information Technology

CGPA: 9.43/10 (Up to 6th Semester)

New Delhi

August 2020 – July 2024

Tagore International School

10+2 Equivalent, Percentage: 94.6%

New Delhi

April 2019 – March 2020

WORK EXPERIENCE

MERN Developer Intern | Achintya Solutions

October 2023 - Present

- Designed and implemented front-end web pages based on Figma mockups, employing the MERN stack, resulting in a notable 30% enhancement in user engagement.
- Managed the transformation of the user interface and user experience of an EdTech platform, resulting in a substantial 20% increase in user satisfaction and a commendable 15% rise in user retention.
- Developed and deployed a real-time chat application within the project, facilitating seamless communication among users and contributing to a remarkable 40% increase in user interaction.
- Integrated the Paytm payment gateway, driving a remarkable 25% surge in online payment transactions and fortifying payment security, resulting in a 10% decrease in fraud attempts.

PROJECTS

AI SAAS Web Application | [Live Project](#) | [GitHub](#)

- Devised the application using OpenAI, ReplicateAI, and MySQL database to store data from the ClerkAPI securely. Users receive 5 freetrial before subscribing to a paid plan.
- Programmed the Next.js implementation for backend development, seamlessly integrating Stripe for payment processing, resulting in a 30% increase in successful transactions and an enhanced checkout experience.
- Technical Stack - React.js, Next.js, MySQL, OpenAI, Stripe, Prisma, ShadcnUI, Clerk, Tailwind CSS.

Multiple Disease Prediction Model | [GitHub](#)

- Constructed an application that assesses an individual's potential risk for diabetes, heart disease, or Parkinson's disease using Machine Learning with an 80% detection accuracy.
- Technical Stack - Support Vector Machine(SVM), Logistic Regression, Scikit-learn, NumPy, Pandas, Streamlit.

Used Car Price Prediction Model | [GitHub](#)

- Conducted a comprehensive analysis of extensive datasets, including historical car prices, mileage, age, model, and relevant attributes. Achieved accuracy in predicting prices with an r2 score of 0.78.
- Imported the dataset from Kaggle with 19974 records reducing to 9439 rows after preprocessing
- Technical Stack - Linear Regression, Flask, JavaScript, Python, NumPy, Pandas, Scikit-learn, Machine Learning.

SKILLS

Programming Languages:

Frameworks:

Other:

Soft Skills:

Languages:

C/C++, Python, Java, MySQL, JavaScript, HTML, CSS, NoSQL DBMS, Coding, OOPS
React.js, Node.js, Flask, MongoDB, Material-UI, Bootstrap, Tailwind CSS, Git, GitHub,
Next.js, Express.js, ES6, Communication and Networking, Operating Systems
Data Structure and Algorithms, Object-Oriented Programming, Troubleshooting, Debugging,
Windows, Linux, JIRA, REST APIs, XML, UI/UX Design
Communication, Teamwork, Leadership, Innovation, Collaboration, Analytical, Adaptability
English (Fluent), Hindi (Native)

ACHIEVMENTS

- Achieved 1st and 3rd positions in the IT Department at MAIT in 4th and 5th Semesters with CGPA 9.58 and 9.57 respectively.
- Currently holding the 5th rank in the IT Department at MAIT with a CGPA of 9.43 up to the 6th Semester.
- Solved over 220 LeetCode problems using C++ and MySQL, achieving an impressive acceptance rate of 63.7%. ([Leetcode](#))

CERTIFICATIONS

Lyft Backend Engineering Virtual Internship | Forage
Secure Full Stack MEAN Developer | Coursera
Accelerated Computer Science Fundamentals | Coursera
Machine Learning Specialization | Coursera

September 2023 – October 2023
August 2023 – September 2023
January 2023 – February 2023
July 2022 – August 2022