




Shibagni Bhattacharjee

Full stack developer

Targeting **full stack developer's** roles with an organization of high reput with a scope of improving knowledge and further career growth.

Contact

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Academic Details

- **Bachelor of Engineering (B.Tech) Computer Engineering**
University of Engineering and Management, Jaipur

Soft Skills

Communication Skills | Problem Solving | Leader
| Adaptable | Analytical

Technical Skills

- **Programming Languages:**
Python, java, JavaScript, C, HTML, CSS
- **Frameworks:**
React, Express, Django

Core Competencies

Agile Methodologies

Software Development Life Cycle

Restful API

Debugging

Containerization

Web Services

Microservice Design

Performance Optimization

System Scalability

Personal Details

Date of Birth: 6th November 2005
Languages Known: English, Hindi and Bengali
Address: Jaipur, Rajasthan

Profile Summary

- A full stack developer with high **problem-solving skills** and develops **complex projects**.
- I have proficiency in **IoT Devices** and built projects which can be used by a widespread of people.
- Skilled in Python, JavaScript and Java with practical experience in developing an emergency ventilator and a Weather Monitoring System.
- Working as part of a team to develop EmotiScan, an app for mental health management using machine learning for real-time mood tracking, guided relaxation exercises, and personalized recommendation
- Developed a full-stack e-commerce site using React and Node.js.
- Possesses **in-depth knowledge of multiple technology stacks** which in turn contributes to an efficient development stage of products.

Academic Projects

SafeRouteGuardian
Tools: Python, HTML, CSS

September 2023

What is SafeRouteGuardian?

The devastating impact of drunk driving and the critical need to combat this issue in our society spurred the creation of SafeRouteGuardian. This cutting-edge service employs a combination of audio and facial recognition technology to meticulously evaluate a person's sobriety. This enables us to determine if they are fit to drive, ensuring safer roads for everyone.

Features: SafeRouteGuardian employs a two-step process to detect sobriety. First, we developed a facial recognition test from scratch using a comprehensive dataset of both sober and intoxicated individuals. Second, to identify slurred speech, we analyze spectrograms and apply an algorithm known as the Levenshtein distance.

Vedic Asharam
Tools: HTML, CSS, JavaScript

April 2024

What is Vedic Asharam?

Transforming remote learning with inclusive education, collaborative assignments, and accessible lectures for all students.

Our platform offers inclusive education with specialized materials for disabled children, mental health support, and interactive activities. We promote collaboration through a unique give-and-take assignment policy. Additionally, our accessible lectures include descriptions for hearing aids and audio/animated videos for visually impaired students. Join us and embrace the future of inclusive education!

Features:

1. Inclusive education with specialized materials
2. Collaborative assignment policy
3. Accessible lectures for all students

Academic Achievements

- Winner of Hackathon conducted by Harvard business school
- was in the top 20 of AceHack 3.0, hosted by UEM Jaipur.
- Published a research paper on overview of Robotic Surgery
- Writing a research paper on the contribution of AI on the treatment of cardiovascular diseases and planning to publish in the latter half of this year
- Stood 2nd in startup challenge hackathon place in standford university & Microsoft startup Hackathon