Sagnik Saha

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SKILLS

Languages:	C, C++, Python
Tools/Platforms:	GitHub, Visual Studio, XAMPP, VS Code, MySQL Server, SQL Server
Soft Skills:	Problem-Solving, Team Player, Project Management, Adaptability

TRAINING

Pregrad (Edtech Company)   Jun' 23 – Jul' 23
Web Development

- Designed responsive web pages using HTML, CSS, and JavaScript improving UI structure.
- Implemented JavaScript DOM manipulation and event handling components.
- Improved understanding of web page layout and client-side functionality.

PROJECTS

E-Notes Provider Web Application | *HTML, CSS, JavaScript, Bootstrap, PHP, MySQL*   Present

- Created a responsive platform enabling students to access, view, and download digital notes categorized by subjects.
- Developed admin dashboard for uploading and managing study materials
- Maintained database connectivity for note files (PDF/DOC) and user records

Generic Medicines Delivery Application (PMJAY) | *HTML, CSS, JavaScript, PHP, MySQL*   Oct' 25

- Developed an online system for ordering affordable generic medicines under the PMJAY scheme.
- Implemented product listing, cart management, and order placement modules for smooth purchase flow.
- Integrated user registration and authentication for secure access.
- Added real-time price calculation and checkout summary for accurate billing

LASA Medicine Detection System | *Flask, Python, JavaScript, Audio Processing*   Feb' 25

- Engineered a voice-enabled application identifying Look-Alike Sound-Alike (LASA) medicines using phonetic similarity analysis.
- Incorporated speech recognition to capture spoken drug names for processing and comparison.
- Utilized phoneme extraction and Soundex-based matching to compute similarity levels and highlight high-risk medicines.
- Contributed to improving patient safety by minimizing medication mix-ups in healthcare.

CERTIFICATES

Web design & Development | *Skill India*   Feb' 25

Python Programming Fundamentals | *Udemy*   May'24

Networking Basics | *Cisco*   May' 24

EDUCATION

Lovely Professional University   Phagwara, Punjab
Master of Computer Application (MCA)   Aug' 25 – Present

Adamas University   Kolkata, West Bengal
Bachelor of Computer Application (BCA)   Jun' 22 – May' 25

Vidyasagar Vidyapith Boy's High School   Midnapore, West Bengal
Intermediate   Mar' 21 – May' 22
Percentage: 84.2%

Vidyasagar Vidyapith Boy's High School   Midnapore, West Bengal
Matriculation   Mar' 19 – May' 20
Percentage: 62%