SOUMADEEP GHOSH

Kolkata, West Bengal

📞 +91-8653980889 ✉ ghoshsoumadeep98@gmail.com in Linkdin ○ github ⌇ Leetcode

EDUCATION

Techno International Batanagar   JUL 2021 – JUN 2025
*B.Tech - **CGPA** - **8.07***   *Kolkata, India*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Computer Networks
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Web Development
- Compiler Design

PROJECTS

Ecommerce Website ⌇ | Laravel, Php, , MySQL, IDE - VS Code   2024

- Database Schema Design: Designed efficient database schemas for product information, user profiles, and transactions, optimizing query performance.
- Custom Middleware Development: Developed Laravel middleware for authentication and authorization, ensuring enhanced security and protection of user data.
- Blade Templating: Implemented dynamic content generation using Blade templating engine, enabling smooth frontend-backend integration.

JARVIS - Voice Assistant ⌇ | Python, OpenCV, SpeechRecognition   2023

- Speech Recognition: Implemented SpeechRecognition and Google Cloud Speech-to-Text for accurate transcription and interpretation of user commands.
- Computer Vision: Utilized OpenCV for face recognition, object detection, and gesture recognition, expanding Jarvis's capabilities.
- Custom Algorithms: Developed machine learning models for personalized user experiences, including preference prediction and tailored recommendations.

Portfolio Website ⌇ | JavaScript, CSS, HTML, Node.js, React, Express.js, Git   2024

- Frontend Development with React: Built dynamic, responsive UI with React for seamless navigation across devices.
- Backend Database Management: Implemented SQL database for efficient portfolio data management.
- ustom Styling and UI Design: Developed custom UI components for enhanced visual appeal, ensuring branding consistency. Utilized Figma for prototyping.

EXPERIENCE

Core Member In GOOGLE DEVELOPMENT STUDENT CLUB TIB   DEC 2021 – NOV 2022
⌇

Organized events, workshops, and projects for the Google Development Student Club (DSC) at TIB.

Collaborated with core team members to promote learning, innovation, and community engagement in technology.

Facilitated technical workshops on web development.

TECHNICAL SKILLS

Languages: Java, Python, Rust, C, SQL
Technologies/Frameworks: HTML5, CSS3, Express, React, NodeJS, Bootstrap
Developer Tools: VS Code, PyCharm, IntelliJ, Canva, Figma

CODING PLATFORMS

∗ Solved **650+** Problems on **Leetcode.** ⌇
∗ Get **3 *** in **HackerRank** ⌇

CERTIFICATIONS

- The Complete 2024 Web Development Bootcamp - Udemy
- Industrial Training(Web Development Series[1])