Somnath Biswas

somnathbiswas576@gmail.com • (+91)9477750508 • LinkedIn • GitHub • Portfolio

EDUCATION

JIS College of Engineering | Block A, Phase 3, Kalyani-Nadia, West Bengal, India
B.Tech. in Computer Science & Engineering | GPA: 8.24/10.0   **August 2020 – July 2024**
Relevant Courses: Software Engineering, Data Structures & Algorithms, Computer Networking, Operating System

TECHNICAL SKILLS

Programming Languages: Java (Intermediate), Python (Intermediate), C (Intermediate), HTML (Advance), CSS(Intermediate), JS(Intermediate), MySQL(intermediate), React (Basic), MongoDB (Basic), Express JS(Basic), Node JS(Basic), jQuery (Basic)
Tech Stack: Data Science, Full Stack Web Development
Tech Platform: MS Office (Word, PowerPoint, Excel, Access), Visual Studio Code, IntelliJ Idea
Operating Systems: Windows XP/Vista/7/8/10/11, Unix (Linux, Ubuntu)

PROJECTS

Image Based Species Recognition | Personal Project
- The project for image-based species recognition using **Machine Learning & Artificial Intelligence.**
- A few techniques used are **CNN, Data Preprocessing, Data Filtering, Serialization** etc.

AlgoHub | Personal Project
- Visualize different types of algorithms and their shortest path using **HTML, CSS & JS**.
- User-friendly for all students who are beginners at **DSA** and want to visualize the paths of algorithm easily.

GoCrypto | Personal Project
- Building a React JS application based around cryptocurrencies.
- Used hooks such as **useState** and **useEffect** while using Axios to interact with the **Coin Gecko API**.

PROFESSIONAL EXPERIENCE

Web Development Intern | CodeClause   **August 2023**
- Improving new layouts to achieve usability and performance objectives.
- Provided standardized technical solutions for bug issues.

Frontend Web Development Intern | PHN Technology   **April – June2023**
- Building and Maintaining Websites.
- Well-designed and Efficient code by using the best Software Development practices.

Full Stack Web Development Intern | NULLCLASS   **August – September2023**
- During my internship at NULLCLASS, I honed my skills as a full-stack web developer, specializing in the MERN stack. I gained proficiency in **React.js, Node.js, Express.js, and MongoDB**, contributing to the development of responsive, interactive web applications and **RESTful APIs**.
- I actively collaborated with cross-functional teams, participated in code reviews, and effectively resolved technical challenges. This experience improved my ability to work in a team-oriented environment and strengthened my problem-solving skills.

LEADERSHIP EXPERIENCE

Team Lead (AI Artisans) | HACK-O-MED | West Bengal University of Health Science   **Apr 2020 - Present**
- Team formation, collaboration and project management is my responsibilities.
- As a technical leader I provide guidance and mentorship to team members and helping them enhance their technical skills and knowledge.

CERTIFICATIONS

- Image Steganography: Unveiling Secrets through Hidden Artistry - **International Journal of Research Publication and Reviews**
- 7 days free bootcamp on Frontend Web Development using JavaScript React – **DevTown**
- Introduction to Web Development with HTML, CSS, JavaScript – **IBM**
- Introduction to Java and Object-Oriented Programming - **University of Pennsylvania**