Subhadip Bera

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EDUCATION

- **The Neotia University** — Kolkata, India
  Bachelor of Technology - Information Technology; GPA: 8.9 — *August 2023 - 2027*
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

SKILLS SUMMARY

- **Languages:**   Java, C, HTML, JavaScript, SQL
- **Frameworks:**   Scikit, CSS, Node.js, Express.js, React, REST-API, Bootstrap
- **Tools:**   Docker, GIT, , MySQL, Figma
- **Platforms:**   Linux, Web, Windows, Arduino, AWS, Google Cloud
- **Databases::**   SQL, MongoDB,Oracal 11g
- **Soft Skills:**   Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **West Bengal Electronics Industry Development** — Onsite
  SDE Intern (Full-time) — *July 2025 - June 2025*
  - **Discussion Forum Upgrades**: Refactor forum for performance to handle Real life project
  - **REST API for Discussion Forum**: Symphony & Twig based Forum parts converted to API-first interface.
  - **Ratchet PHP WebSocket**: Implemented a WebSocket for low-latency real time exchange of posts and thread updates.

- **Data Space Academy** — Onsite
  Intern(full-time) — *July 2024 - June 2024*
  - **Project Course - Cyber Security** : gained hands-on experience with Linux systems, Nmap scanning, and network vulnerability assessment.

PROJECTS

- **AI-Chat-Bot(Html , Css , Java script , Rest API)**: Developed an innovative AI chatbot as lead frontend developer, leveraging HTML, CSS, JavaScript, and REST APIs to deliver seamless interactions. Integrated advanced voice-to-text functionality for handsfree user input and designed a modern, intuitive dark theme to enhance accessibility and user comfort. Engineered smooth conversational flows, improving engagement and usability. This project demonstrated strong problem-solving skills and expertise in API integration and UI/UX design, resulting in significantly higher user interaction rates and a polished, professional product experience.   Live Demo: *dip-chat-bot*

- **Memorie-Matching Game(Html , Css , Java script)**: Developed a fully responsive memory matching game using HTML, CSS, and JavaScript, optimized for both desktop and mobile platforms. Features include interactive UI, smooth animations, and score tracking, showcasing strong front-end development, responsiveness, and JavaScript DOM manipulation skills.   Live Demo: *Memorie-Matching Game*

ACHIEVEMENT

- **Intra-college Ideathon Winner**: Secured 1st place in the internal college Ideathon with an innovative idea: an Automatic Helmet Detection System. The system promotes road safety by using image processing to detect helmet usage on two-wheelers, aiming to reduce accident risks and enforce compliance.

- **Google Cloud Arcade Winner**: Won exclusive prizes and swag from Google Cloud Arcade by completing cloud-based challenges, earning top scores, and demonstrating hands-on proficiency in deploying and managing services on Google Cloud Platform.

CERTIFICATION

Java Fundamentals: (Infosys)
Javascript for web developers : (Infosys)
Mastered database systems: (Data Space Academy) (AWS)
Generative AI: (Google)
Communication Skill: (tcs)

HOBBIES

- Traveling • Listening to Music