

Srabonti Deb

☎ +88-01882374273 ✉ srabontideb23@gmail.com 🔗 <https://www.linkedin.com/in/srabonti-deb/>
🐙 github.com/Srabontideb

Education

Rajshahi University of Engineering & Technology

Jan 2019 – May 2024

Bachelor of Science in Computer Science & Engineering (CGPA: 3.36 / 4.00)

- **Relevant Coursework:** Linear Algebra, Data Structures and Algorithms, Object Oriented Programming, Discrete Mathematics, Database Management, Applied Statistics & Queuing Theory, Digital Image Processing, Neural Network and Fuzzy System, Artificial Intelligence, Data Mining

Undergraduation Thesis

Enhanced **Deepfake Detection & Localization** via 3d CNN Batch Processing of Time Series Frames with Specialized Feature Mapping

Experience

Code Studio

July 2020 – Dec 2020

UI/UX designer

- Designed the user interface elements including layout, typography, colors, and icons to create visually appealing and intuitive interfaces using **Adobe Xd & Figma** and improved the usability, accessibility and overall interaction experience of the product.

Syncrosis Lab

Sep 2023 – Dec 2023

Junior UI Developer

- Developed frontend components and features using **TypeScript, React & Tailwind CSS**

Projects

E-commerce-Website | *HTML, CSS, Bootstrap, Javascript, PHP, MySQL*

- Solved key challenges including optimizing data retrieval for fast loading times, ensuring responsive design across devices, and enhancing user experience with features like autocomplete search and interactive product previews.
- Implemented robust security measures by utilizing hashing methods, integrated payment gateways securely.
- Successfully improved performance and scalability through database optimization.

Save-Me-Security-App | *Java, Android SDK*

- Developed a user database system capturing user details including names and five trusted contact numbers.
- Implemented a robust emergency feature allowing users to send their GPS location and request assistance with a single button press.
- Incorporated a messaging feature permitting users to communicate with individuals excluding those listed as trusted contacts.

Cheese-Chasing-Game | *Processing 3*

- Utilized Processing 3, a Java-based language known for visual arts and interactive projects, to create the game environment.
- Enabled progression through multiple levels based on specific score thresholds, offering a fun and increasingly challenging gaming experience.

Tripp-Portal | *HTML, Tailwind CSS, JavaScript, TypeScript, Next.js, Node.js*

- As it was a client project, my primary focus was on utilizing Tailwind CSS and TypeScript to design and implement various user interface components and features. This involved collaborating with the other team members to ensure the website's visual elements and functionality aligned with the client's requirements and specifications.

Technical Skills

Languages: Python, C, C++, HTML5/CSS, JavaScript, SQL

Applications: PowerPoint, Word, Overleaf, Adobe Illustrator, Adobe XD, Canva, Github, Google Colab, Jupyter notebook, Tensorflow, PyTorch, Xampp

Operating System: Windows

Leadership & Management Skills

Class Representative, CSE'18 RUET: Managed 180 students and respective teachers directly

CSE-Fest Volunteer: Volunteered for the Project Showcasing segment, contributing to the event's success by designing eye-catching posters and banners

Awards

Chittagong Board HSC Scholarship: Received full tuition fee scholarship and stipend in Bachelor.

Chittagong Board SSC Scholarship: Received full tuition fee scholarship and stipend in Higher Secondary.

Language

English, Bangla

References

Available upon request