

Srabonti Deb

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🐙 <https://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

Syncrosis Lab

Sep 2023 – Dec 2023

Junior UI Developer

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

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.

Projects

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

- Utilized Tailwind CSS and TypeScript to design and implement user interface components for the client project resembling the Gozayan website.
- Collaborated with the team to ensure alignment with client specifications and requirements.

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.
- Implemented progressive level advancement, triggered by reaching score milestones to provide players with an enjoyable and progressively challenging gaming experience.

Technical Skills

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

Applications: Overleaf, Adobe Illustrator, Adobe XD, Canva, Github, Google Colab, Jupyter notebook, Tensorflow, PyTorch, Xampp, Cisco Packet Tracer, Logism, Digital.

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