

Srabonti Deb

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[github https://github.com/Srabontideb](https://github.com/Srabontideb)

Education

Rajshahi University of Engineering & Technology (RUET) <i>Bachelor of Science in Computer Science & Engineering (CGPA: 3.36 / 4.00)</i> <ul style="list-style-type: none">• 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	Jan 2019 – May 2024
Chittagong College <i>Higher Secondary (GPA: 5.00 / 5.00)</i>	2016 – 2018
Dr. Khastagir Govt. Girls' High School <i>Secondary (GPA: 5.00 / 5.00)</i>	2011 – 2016

Undergraduation Thesis

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

Experience

Syncrosis Lab <i>Junior UI Developer</i> <ul style="list-style-type: none">• Developed frontend components and features using TypeScript, React & Tailwind CSS• Contributed to two major client projects : Inventory Management System (an e-commerce platform) & Trip-Portal (a travel agency website)	Sep 2023 – Dec 2023
Code Studio <i>UI/UX designer</i> <ul style="list-style-type: none">• 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.	July 2020 – Dec 2020

Projects

Trip-Portal <i>HTML, Tailwind CSS, JavaScript, TypeScript, Next.js, Node.js</i> <ul style="list-style-type: none">• 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 <i>HTML, CSS, Bootstrap, Javascript, PHP, MySQL (Link)</i> <ul style="list-style-type: none">• 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 <i>Java, Android SDK (Link)</i> <ul style="list-style-type: none">• 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 <i>Processing 3 (Link)</i> <ul style="list-style-type: none">• 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, Jupyter notebook, Tensorflow, PyTorch, Xampp, Cisco Packet Tracer, Logism, Digital.

Frameworks: Arduino SDK, Bootstrap

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 & Participations

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.

RUET Day Idea Contest 2021: Presented "A Unified Platform for Speeding Up Educational, Economic, and Skill-Based Activities during COVID-19," proposing innovative solutions to mitigate the pandemic's impact on key societal sectors.

CUET IEEE DAY 2020 Poster Presentation: Delivered a presentation titled "A Revolutionary Step towards Socio-Economic Status of Women".

Language

English, Bangla

References

Tasmia Jannat

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