



Subir Dey Raju

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ABOUT ME

Being an enthusiastic individual, I have gathered academic and professional experience in the field of computer science; I love to accept new challenges driving towards new experiences and skills to explore the best version of myself by unleashing my knowledge and potential.

WORK EXPERIENCE

[July, 2021 –August, 2022]

HypeScout Pte. Ltd. | Dhaka, Bangladesh

Frontend Software Trainee

- Worked on modern server-rendered web application as per business needs
- Created a complex state management store to serve the application's global needs
- Improved performance by cutting down unnecessary re-renders within the application's state tree

EDUCATION

[August, 2023 – Present]

Tampere University | Tampere, Finland

Master of Science in Data Science

[January, 2017 – May, 2021]

North South University | Dhaka, Bangladesh

Bachelor of Science in Computer Science and Engineering

TECHNOLOGIES

Languages : C, Java, R, HTML/CSS/JavaScript, Python, MATLAB
FrameWorks : React
Version Control : Git
Database : MySQL
IDE : NetBeans, Visual Studio, IntelliJ Idea,
Platform : Windows, MacOS

PROJECTS

InTrack | A web-based technology to help the garments industry to detect the defects in readymade garments.

- As a part of CSE499 (Senior Design Project) course, developed a prototype of a web-based technology that can help detecting the readymade garments manufacturing defects. The owner can easily keep track in all the information instantly.
- Utilized – React.js, React Native, Microsoft Architecture, MySQL

Online Air Ticket Management System | A website to search and book air ticket.

- As a part of CSE482 (Internet and Web Technology) course, designed and developed a website where user can register and then search for flight and on availability, user can book and pay for the ticket and a virtual ticket will be displayed with flight information on the screen.
- Utilized – HTML, CSS, JavaScript, PHP, MySQL

Docket | A website to keep track and sharing movies, tv-shows, anime, games books.

- As a part of CSE299 (Junior Design Project) course, developed a website through which user can login and then keep track of movies, tv-shows, anime, games, and books user has watched/played/read or is watching/playing/ reading or is planning to watch/play/read and post blogs.
- Utilized – HTML, CSS, JavaScript, PHP, API, MySQL

INTERPERSONAL SKILLS

Language	: Bangla(Native), English(Second Language), Hindi, German(A1), Finnish(A1).
Innovative	: I always try to look for innovative ideas to work with.
Research Work	: I worked on a research project on Image Processing under the supervision of Mr. Syed Athar Bin Amir sir.
Public Speaking	: Regularly made class presentations in front of course instructor and the class.
Leadership	: Led many events such as “Techovation I” as an incharge and “Technovation II” and “Hour of Code” as a Sub-Executive of NSU ACM Student Chapter.

PUBLICATIONS

[2021]

Lubba Saha, **Subir Dey Raju**, Mushfiqur Rahman Chowdhury, K. M. A. Salam, **“Implementation of a Web-based Technology for Readymade Garments Manufactruing Defects”**, in 2021 International Conference on Intelligent Technologies (CONIT), India. (doi.org/10.1109/CONIT51480.2021.9498295).

[Under Review]

Subir Dey Raju, Fahimul Hoque Shuvo, Sana Sanzida, Fahim Iftekhar, Sayed Athar Bin Amir, **“Comparison of Different Convolutional Neural Network Architectures in classifying Dhaka City Traffic”**.

EXTRACURRICULAR ACTIVITIES

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- As a cricketer, played for a local club in Rangamati District, Chittagong, Bangladesh as an opener batsman for two years.
 - As a Patrol Leader (PL) of Powapara Pilot High School Boys Scout Team, attended “Rangamati Annual Camp House”, “Biddut Camp” arranged by the government of Bangladesh, and “National Jambury Camp, 2011” in Dhaka.
 - Worked as a student volunteer with RHSTEP (Reproductive Health Services, Training, and Education Program) from 2011 to 2012.