Subir Dey Raju

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ABOUT ME

An insignificant human being floating in an infinite sea of dreams and always looking for a way to turn my dreams into reality. I am a master's student in data science who is passionate about quantitative analysis, data modeling, and algorithms. I am keen to participate in projects that are solution-oriented and decision supporting proactively. I love working on projects that positively impact a broad audience.

WORK EXPERIENCE

[July 2021 – January 2023]

HypeScout Pte. Ltd. | Dhaka, Bangladesh
Full Stack Developer
- Worked on modern server-rendered web application as per business needs
- Created a complex state management store to serve the application's global needs
- Collaborated with cross-functional teams to deliver efficient and user-friendly solutions.
- Developed RESTful API services using Python FastAPI, enabling efficient communication between frontend and backend systems.
- Integrated OpenAI API to build a chatbot for automated user query resolution, enhancing user engagement and reducing manual intervention.

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

SKILLS

Languages	: Python(NumPy, Pandas, Scikit-learn, TensorFlow), C, Java, R, HTML/ CSS/ JavaScript
FrameWorks	: React, FastAPI
Version Controls	: Git
Databases	: MySQL
Platforms	: Windows, MacOS
Soft Skills	: Problem solving, Autonomy in project management

PUBLICATION

[2021]

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

PROJECTS

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

- As part of the Senior Design Project, developed a prototype of a web-based data-driven technology that can help detect defects in manufacturing readymade garments in real-time.
- Utilized – React.js, React Native, Microsoft Azure, MySQL

Docket | A website to track and share movies, TV shows, anime, games, and books.

- As part of Junior Design Projects, developed a website through which users can keep track of movies, TV shows, anime, games and books they watched/played/read or are watching/playing/reading and posting reviews/blogs.
- Utilized – HTML, CSS, JavaScript, PHP, MySQL

ACHIEVEMENT

- Worked and published research on real-time defect tracking system, showcasing data-driven problem solving and innovation.

- Developed predictive model, enabling well-informed decision-making in group projects.