

MD. MARUF BIN SALIM BHUIYAN

CONTACT



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<https://github.com/maruf-bin-salim>

SKILLS

Languages: JavaScript, HTML, CSS, Python

Frameworks: React.js, Next.js,, Nuxt.js, Node.js

Database: SQL, postgres, MongoDB, Firebase

EDUCATION

North South University

2020-2024

Bachelor of Science, 3.47

Computer Science & Engineering

CAMPUS

INVOLVEMENT

North South University Problem Solvers (NSUPS)

Member - 2020 - 2021

- Was part of the NSUPS bootcamp - focusing on learning algorithms and competitive programming
- Organized and took part in intra-university programming contests

Innovation Challenge, Season 8

Champion - most innovative idea

- Won the Innovation challenge contest with the implementation of "AI based Trash sorting robot" in "most innovative idea" category

WORK EXPERIENCE

Full Stack Web Developer, (remote externe)

KIUUB,

Bottova 2/a, 811 09 Bratislava, Slovakia

2022-2023

- Worked in a team environment
- Worked on different web based projects creating UI screens and functionalities
- Created backend API endpoints for crud and Authentication
- Primary Tech stack
 - Frontend: React (next.js), vue, weweb
 - Backend: Node.js
 - Database: postgresql

Reference:

Martin Nemeček. CTO, KIUUB

Email : hey@martinnemecek.com

PERSONAL PROJECTS

Automated trash detection and sorting Robot

python (jupyter notebooks), Next.js, firebase, arduino

- Trained an AI model from kaggle dataset to detect types of trash
- Created and hosted a python server endpoint to send result to client-side
- Created Next.js based frontend to show analytics of result (from firebase database)
- Arduino code to control servoi motors based on the result to sort trash in designated bucket



<https://github.com/marufbinsalim/trash-prediction-client>

<https://github.com/marufbinsalim/trash-prediction-server>

Realtime chat app

Next.js, supabase (google auth), realtime, google translate api

- created responsive UI using the latest next.js version
- users can login with google, create group chat or individual chat
- UI is updated in realtime using postgres's realtime features
- Text can be automatically translated to selected language using the translation API



<https://github.com/maruf-bin-salim/realtime-chat>

Event Management CRUD application

Next.js, Redux, supabase, Jest

- Multiple screens including Auth and profile management
- CRUD features for adding, following and editing events
- Advanced filtering by date, description or title of event
- Supabase as DB, Redux as store and Jest as testing tool



<https://github.com/marufbinsalim/EventSync>