



UMMUL KHAIR FATIMA

FULL-STACK DEVELOPER

LINKEDIN

GITHUB

LANGUAGES

- English - Fluent
- Finnish - Novice
- Bangla - Native

EXTRACURRICULAR ACTIVITIES

- Hackathon: Junction 2019, Sustainability Challenge Using Data to Help People Reduce Food Waste and Live Healthier Lives by CGI and KESKO (November 2019).
- Certification: Data Science Training Program at The Shortcut (January 2020).
- Certification: Workshop on Django Web Development at Django Girls (April 2018).
- Volunteering: 5G Demo Volunteer at 5G Oulu (February 2018).

PROFILE

I am a passionate and curious Software Engineer. I apply critical thinking to solve problems while sticking to the best practices for efficient and maintainable code. In addition to my wide educational and working experience, my current focus is developing applications with Mern Stack and other modern technologies. I always aim to deliver the best results to my teams and clients.

RECENT PROJECTS

Routify Android Mobile Application

Android

This application allows the users to draw own routes on Google Maps to find the shortest routes. Users can also share their own routes and access the routes made by other users. I worked in a team and my task was to write the code for the back-end side of this application.

Open Discussion Chatbot

Python, Flask, Machine Learning

Worked in a group to develop an open discussion ChatBot using Neural Machine Translation that is affected by the personality, sentiment, and topics extracted from the text of the user. My contributions were writing the code for the personality test, sentiment analysis, topic detection, and partially Neural Network.

SKILLS

Front-end: HTML, CSS, JavaScript, TypeScript, React, Redux, Material-UI, Bootstrap, Gatsby.js.

Back-end: Node.js, Python (Flask, Django), Java, C#, .Net, PHP.

Mobile: Android.

Database: MySQL, MongoDB, PostgreSQL.

DevOps: Git.

Other: Machine Learning.

EXPERIENCE

Software Developer

Integrify | Helsinki, Finland | January 2020 - Present

Thesis worker

University of Oulu | Oulu, Finland | 6 months

- Developed a web application that detects event in real time from google snippets and generate different types of graphs. Evaluated existing event detection model that detects events from twitter.
- Also, I evaluated the existing event detection model that detects events from Twitter.

Summer Trainee

University of Oulu | Oulu, Finland | 3 months

- I was responsible for developing innovative solutions from initial literature survey, coding, implementation, documentation and report writing

EDUCATION

M.Sc. in Computer Science and Engineering

University of Oulu | Oulu, Finland | September 2016 - June 2019