Shahriar Karim Saurov

Software developer

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SKILLS

Languages
JavaScript, Python, C, C++, C#, R.

Web Application
React, Redux, Vue, Typescript NodeJS, Django, Flask, GraphQL, REST API, ASP.NET, Jest.

Data Analysis
Dask, Numpy, Pandas, Dplyr, Tidyr, Tidyverse, ggplot2, Bokeh, Folium, Matplotlib, Plotly, Seaborn.

Machine Learning
Scikit-learn, OpenCV2, Apache Spark

Devops
Github, Docker

Database
PostgreSQL, MongoDB, NOSQL

Cloud
AWS(Heroku), Netlify

Other
Tableau, React Native, LinuxOS

EDUCATION

Full Stack open 2021
University of Helsinki
March 2021 - (On going)

Highway to Code
Kaajani University of Applied Sciences
February 2021 - (On going)

PROJECTS

CURD application (Demo) (Code)
React, Express, NodeJs, MongoDB, REST API, Heroku
Phonebook app where user add, remove or update data.

COVID-19 Analysis (Code)
Pandas, Plotly, Folium, Numpy
Analyzed Covid-19 Pandemic dataset from Johns Hopkins University and Terveyden ja hyvinvoinnin laitos(THL).

Weather App (Code)
flask, flask sqlalchemy, HTML5 , CSS3, Docker, REST API
A simple weather app, that takes input from users and display the current weather in the city of the user's choice.

Trend in Programming Languages (Code)
readr, dplyr, tidyverse, ggplot2
Analyzing the trend in programming language from year 2008 to 2018 using data obtained from Stack Overflow.

Flight Delays and Cancellations (Code)
pandas, plotly, seaborn, dask
Explored the flights in different airports in USA in 2015

Image and video prcessing (Code)
Python, pandas, openCv2
Images analysis of image and video using OpenCv2

EXPERIENCE

Data Analyst
Integrify | Helsinki, Finland | April 2020 - November 2020

- Demonstrated advanced proficiency in programming with Python and Object-Oriented Programming.
- Performed Data Analysis and Data Visualization on diverse and complex datasets as well as creating datasets from different sources using Web Scraping.
- Managed databases with SQL and PostgreSQL.
- Developed Machine Learning applications using supervised and unsupervised algorithms

MSc in Physics

University of Helsinki
August 2014- July 2018

CERTIFICATES

Data Analysis with Python | *IBM*

Data Analysis with R Track | *DataCamp*

JavaScript Algorithms & Data Structures| *freeCodeCamp*

Become a Django Developer | *LinkedIn*

Build Python Web Apps with Flask| *Codecademy*