Mudabir Ahmad

Software Engineer

Details

✉ mudabirahmad94@gmail.com

in Mudabir Ahmad

○ Mudabir Ahmad-github

☎ +358413135813

Skills

- Python
- Machine/Deep Learning
- React JS
- Node JS
- TypeScript
- JavaScript
- AWS Services
- MySQL
- JQuery
- CI / CD Pipeline
- Docker
- Git - Version Control
- Django
- Flask
- Power BI
- Kubernetes

Technical Skill Summary

- Experience using **MySQL, SQL, PostgreSQL, MongoDB** and making relational databases.
- Experience with **Git** Version Control and making use of **CI/CD** pipeline for application integrations and deployments.
- Worked as a frontend developer having strong grip on **JavaScript**, **TypeScript**, **HTML** and **CSS** for web designing.
- Worked as a backend developer on frameworks such as **Node JS**, **Django** and **Flask**.
- Strong OOP concepts.
- Experience working with front-end framework **React JS .**
- Good Knowledge and experience of using **REST API**.
- Experience in using **Jira** software.
- Experience with using of **AWS services** such as **S3**, **Route53**, **EC2**, **load balancing**, autoscaling and RDS etc.
- Experience and good understanding of **Jenkins** for deployment and automation**.**
- Used AWS sagemaker to create, train and deploy machine learning models and made use cloudfomration to deploy application on the cloud.
- Experience working on Linux OS.
- Experience with **docker** and **kubernetes.**
- Good hands on experience with deep and machine learning models.
- Visualization and analytical skills using Power BI, Gephi, Excel, Python and R.
- Image processing using Python libraries such as OpenCV.

Work Experience

Intern
Classius Oy l Helsinki   Dec 2021 - Feb 2022

- My role at the Classius Oy was to help in building the application for trademark service.
- My duties were to gather data to build training data for the project.
- I was assigned to research and learn about web scrapping tools to scrap to automate the process of data gathering

Research Associate
Information Technology University l Lahore   Feb 2018 - Jun 2020

My role as a research associate was to work on research projects related to software development and data analytics, My tasks involved

- Python and R language to convert raw data into structured form, do exploratory data analysis and find meaningful information related to the research topic.
- Built application (biasweb-analytics) using Vanilla JavaScript and Django.
- Python libraries such as **pandas, numpy, seaborn** for data preparation and visaulization.
- Machine and deep learning libraries **scikit-learn** and **TensorFlow** of python to perform predictive analysis.
- AWS services and GIT version control (CI/CD pipeline) to deploy and manage the web applications.
- To design, develop and modify research experiments alongside teams of researchers.

Education

Masters in information technology
Sep 2020 – Sep 2022

University of Eastern Finland l Joensuu

Polishing my technical, academic and communicative skills at university of eastern finland I have worked on various projects.

- Masters thesis topic: Brain Tumor Identification using Hyperspectral Images processed through deep learning (project).
- Using spectral images of placenta tissue, using AI model and Django app designed a classifier which classifies different parts of the tissue uploaded by user.
- Taxi Car Game made in Vanilla JavaScript (project).
- Image Processing- counting objects in an image, applying morphological operations on images.

Bachelors in Computer Science
Sep 2020 – Sep 2022

Forman Christian College (A Chartered University) l Lahore

- During my bachelors studies, I have learned both technical and communicative skills that groomed me to do collaborative work and progress collectively.
- Learned OOP, data structures, database.
- Used C++, Java, C# as programming languages.