

SYED MOHAMMAD FARZAN EKRAM

Computer Science PostGraduate

✉ farzanekram136@gmail.com ☎ +919162507750 📍 Chapra, India

🌐 linkedin.com/in/farzan-ekram07 🔄 https://github.com/farzanekram07

PROFESSIONAL SUMMARY

Dynamic Full Stack Developer adept in frontend - HTML, JS, React, as well as backend - Python including databases - SQL, and MongoDB. Proven track record of delivering high-quality web solutions, optimizing user experiences, and collaborating effectively. Ready to elevate projects with technical expertise and results-driven approach.

EDUCATION

Master of Technology - Computer Science Specialization in AI & ML 09/2021 – 10/2023
Vellore Institute of Technology Vellore, India

Bachelor of Technology - Computer Science and Engineering 08/2016 – 10/2020
Dr. APJ Abdul Kalam Technical University Kanpur, India

PROFESSIONAL EXPERIENCE

Master Thesis 09/2022 – 09/2023
Vellore Institute of Technology Vellore, India

- Thesis : A hybrid approach of CNN and LSTM for Potato Disease Detection
- Technologies: Python 3.x, Deep Learning, Scikit Learn (sklearn), Image processing, Keras
- used to improve the accuracy and efficiency of potato yield predictions.
- Finding some useful pattern with the help of neural network and image processing to prevent food rinding from fungus, bacteria, drought and overlogged.
- Deep Learning algorithms CNN, LSTM and Machine Learning algorithms MSE, adam with the accuracy of 94%

Project : Detection of Phishing Website 02/2022 – 07/2022
Vellore Institute of Technology Vellore, India

- Led a team in developing a phishing website detection system using various technologies, including Python, Tkinter/QT5, MySQL, JavaScript, and Wamp server.
- Conducted experiments with multiple machine learning algorithms, such as Random Forest, Decision Tree, XGBoost, and MLP, to build the classification model. Achieved the highest accuracy of 84%.
- Managed project priorities, deadlines, and deliverables while collaborating with team members and stakeholders to ensure project success.
- Strengthened communication skills through regular interactions with others, including team members, stakeholders, and end-users.

Project : Plant Disease Detection and Redemption 12/2020 – 04/2021
Delhi, India

- Technologies: Python 3.x, Numpy, Keras, Json api, Sqlite3
- Helping the agriculture using the image.
- Through the images predict the disease in plant and recommend the treatment.
- Developed strong organizational and communication skills through coursework and volunteer activities.

Backend Developer Intern 03/2020 – 04/2020
Hatsoff Technologies Software pvt. ltd. Kanpur, India

- Adapted and understood Agile and Scrum methodologies.
- Cooperated with front-end developers and other team members to design more cohesive and functional code.
- Designed, developed and tested software applications.

SKILLS

Python

JavaScript

ReactJS

SQL

Django

HTML

CSS

Data Structures

OOPs

Kubernetes

Docker

GCP

Git

Linux

GitHub

LATEX

Agile Methodologies

Business Communication

COMPETENCIES

Interpersonal Communication

Teambuilding

Analytical and Critical Thinking

Decision Making

CERTIFICATES

- Machine Learning by Andrew NG

JavaScript Badge Linkedin

Complete linear algebra: theory and implementation in code
- Programming Expert with Python

GCP Badge Linkedin

National Essay Writing - National Committee
- Javascript(Intermediate)

Volunteer - PyCon India

PUBLICATIONS

A Hybrid Approach: Impact of IoT in Rice Crop Plant Disease Detection Using Image Processing
INDERSCIENCE Submissions

DECLARATION

I genuinely declare that all the facts mentioned above are true to my faith, and I am answerable for its accuracy

SYED MOHAMMAD FARZAN EKRAM
Chapra, Bihar, India