SYED MOHAMMAD FARZAN EKRAM

Computer Science PostGraduate

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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 Vellore Institute of Technology

Vellore, India 08/2016 - 10/2020

09/2021 - 10/2023

Bachelor of Technology - Computer Science and Engineering Dr. APJ Abdul Kalam Technical University

Kanpur, India

PROFESSIONAL EXPERIENCE

Master Thesis 09/2022 - 09/2023 Vellore, India

Vellore Institute of Technology

- Thesis: A hybrid approach of CNN and LSTM for Potato Disease Detection
- Technologies: Python 3.x, Deep Learning, Scikit Learn (sklearn), Image processing,
- 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

Vellore Institute of Technology

- 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

- 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

Hatsoff Technologies Software pvt. ltd.

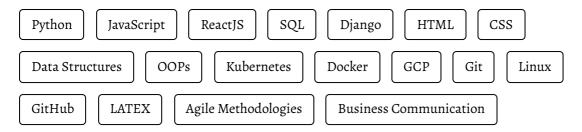
- Adapted and understood Agile and Scrum methodologies.
- Cooperated with front-end developers and other team members to design more cohesive and functional code.
- Designed, developed and tested software applications.

02/2022 - 07/2022Vellore, India

12/2020 - 04/2021 Delhi, India

03/2020 - 04/2020 Kanpur, India

SKILLS



COMPETENCIES

Interpersonal Communication

Analytical and Critical Thinking

Teambuilding

Decision Making

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CERTIFICATES

- Machine Learning by Andrew NG ℰ
- 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