

Pratham Shah

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Portfolio Website | <https://github.com/Pratham-Shah> | <https://www.linkedin.com/in/pratham-shah-/>

EDUCATION

Vellore Institute of Technology
B.Tech Computer Science and Engineering, 2019-2023
8.38/10 CGPA

Navrachana School
12th, CBSE, 2019
90.6%

10th, CBSE, 2017
10 CGPA

SKILLS

Languages: Python, C, C++, Java, HTML, CSS, JavaScript, R, MATLAB, MySQL, PHP.

Technologies: UI/UX, Visualization, Data Science, Machine Learning, Artificial Intelligence, Deep Learning, Frontend Web Development, Graphic Designing.

Soft Skills: Logical and analytical reasoning, problem solving, creativity, leadership, teamwork, friendliness, calmness.

PROJECTS

Malaria Detection using CNN and IBM Cloud:

Used Convolutional Neural Networks to detect Malaria from a dataset of blood smear images. Developed a website for the same and used IBM cloud and Flask for deployment.

Sarcasm Detection using RNN and LSTM:

Compared accuracies for sarcasm detection using different models using RNN and LSTM. Got high accuracies for our model. Planning to publish it as a research paper.

ISA-VIT App:

Lead UI/UX designer for core committee management app. Manage activities and send announcements to core.

WhatsApp activity monitor:

Upload chat to visualise most and least active people in a groupchat. Graphs and statistics to monitor the activity.

SPARK'21 App and Website:

App and website interface for flagship event of ISA-VIT.

Face Mask Detection

Auto Image Colourisation using CNN and autoencoders.

EXPERIENCE

Engineer's Cradle
Lead UI/UX Designer
Sept 2021 - Nov 2021

- Managed team of designers and worked on company's website

International Society of Automation, VIT Chapter (ISA-VIT)
Board Member

Jan 2021 - Dec 2021

- Planned and conducted workshops, events, hackathons on national and international scales.
- As the UI/UX Lead, mentored juniors in the domain.
- Worked on several projects including hackathon app, website, core management app.

SmartBridge with IBM

Artificial Intelligence and Deep Learning Programmer

June 2021 - Aug 2021

- Worked on Machine Learning and Deep Learning models like Regression, CNN, RNN, LSTM, etc.
- Used different data preprocessing techniques
- Worked on a project to detect malaria using CNN.

Pixxmo

UI/UX and Graphic Designer

Dec 2020 - Aug 2021

- Worked on projects of different clients like travel website, art website and did user research to create interfaces.
- Created social media posters