

VISHWAS LATIYAN

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+ WORK EXPERIENCE

PROJECT ENGINEER(STAR HIRE) – UI engineer

Bengaluru, India

Wipro Ltd – Cynergy Bank, UK

Jul 2021 – Present

- Working as a **core UI engineer** for the development of **Cynergy Bank's Corporate website**.
- **Re-written the UI architecture** from scratch to make it compatible with **Drupal (CMS)** and handle **dynamic webpage creation**.
- Created **50+ template components** to be used in **800+ pages** throughout the website with manageable state using **Redux**.
- Reduced API requests by **70%**, decreasing the load time significantly.

RESEARCH INTERN, Supervisor: Dr. Umang Soni

Delhi, India

**Netaji Subhas Institute of Technology
2021**

May 2021 – Aug

- Developed a Clonal Selection based Artificial immune system algorithm.
- Converted a regression focused algorithm into a classification.

+ PUBLICATIONS AND PROJECTS

1. CONFERENCE ARTICLES

- Cardiovascular Disease Detection using Artificial Immune System and other Machine Learning Models.
Gupta, Ishan & Shangle, Ruchir & **Latiyan, Vishwas** & Soni, Umang. (2021). Journal of Physics: Conference Series.

2. PROJECTS

Surface Defect Detection Using Gan

- Utilized **Anomaly detection** model over a **Generative adversarial network model**.
- Used **Keras with TensorFlow backend** to train the GAN and AD models on **12.6k images** of industry grade steel.

Parkinson's Disease Detector

- Trained a **Random Forest algorithm**-based classifier over UCI-ML dataset.
- Sensor-based data like pressure on the screen, coordinates of the writing, etc. were crunched in real-time.

Personal News App

- A **React-based** crisp WebApp that uses News API for real-time news updates.

+ EDUCATION

BACHELOR OF ENGINEERING, CGPA: 7.38

Delhi, India

Netaji Subhas Institute of Technology

Aug 2017 – Jun 2021

- Relevant Courses: CS101, Data Structures & Algorithms, Operating Systems, DBMS

HIGHER SECONDARY (GRADE 12), Aggregate Marks of 91%.

Delhi, India

Kamal Model Public School

May 2015 – Mar 2017

+ TECHNICAL SKILLS

- **Programming Languages:** Python (Proficient), JavaScript (Intermediate), TypeScript (Intermediate), Java (Beginner)
- **Technologies:** Machine Learning, UNIX/Linux Systems, SQL, RESTful Web-APIs
- **Tools:** HTML, CSS, ReactJS, Redux, React Testing Library, Jest, Storybook, TensorFlow, Keras, Scikit-Learn