

Vikash Goswami

Software Developer

Highly skilled software development professional bringing enormous talents for software design, development and integration. Offering advanced knowledge of in-demand programming languages.

Contact

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Technical Skills

- HTML
- CSS
- jQuery/AJAX
- Bootstrap
- Python
- MySQL
- JavaScript
- Java
- CodeIgniter
- PHP
- Laravel
- React

Work History

8th Nov. 2021

To Current

Junior Software Developer

Indian Institute of Technology (Indian School of Mines), Dhanbad

• Technology Used:

Front End - Bootstrap, jQuery, Ajax, React, JavaScript, HTML, CSS

Back End – PHP, CodeIgniter, Laravel, MySQL

1. Scholarship Management

A module developed to capture the details of students and calculating the eligibility for different types of Scholarship Schemes. Validation handling was also a key point in this module.

2. Hostel Management

A module particularly created for allotting rooms to individual/partners in Hostels based on room type availability (1/2/3 Seaters) after validating the OTP from student end. An Admin end was also created to keep a track of vacated rooms and maintenance further on.

3. Academic Deficiency Management

Termination of students based on their performance evaluation from the faculty end. A Channel flow from student to different levels of authorities was also introduced which played a major role in this module.

Projects

Handwritten Digit Recognition

Handwritten Digit Recognition using deep learning. MNIST dataset is used to recognize handwritten digit.

Language – Python

Libraries – Keras, TensorFlow, Tkinter
IDE – Jupyter

Face detection using webcam

Face detection using webcam is done by OpenCV library. It detects human face and eye.

Language – Python
Libraries – OpenCV, NumPy, Matplotlib.
IDE – Spyder, Jupyter

Traffic Symbols Recognition

Traffic symbols Recognition using CNN & Keras. We have used public dataset available at Kaggle.

Language – Python
Libraries – CNN, Keras, TensorFlow, Tkinter.
IDE – Spyder, Jupyter

Online Recruitment Portal

Admin post jobs and users sees the jobs and search & filter jobs as of interest. In which admin can create new jobs, update existing jobs and delete jobs.

Laguage - Laravel



Internships and Certifications

2019	Python with A.I, M.L & Data Science – LearnCodeOnline
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Education

2014 - 2017	Bachelor of Science: Physics [60.6%] <i>P.K. Roy Memorial College - Dhanbad, Jharkhand</i>
2019 - 2021	Master of Science: Computer Science [9.04 DGPA] <i>Eminent College of Management & Technology - Barasat, West Bengal</i>