

# KRISHNA UPADHYAY

› +91-7607937794 › [krupadhyay192@gmail.com](mailto:krupadhyay192@gmail.com) › <https://krishnaa192.github.io/Krishna-portfolio/>  
› [github.com/krishnaa192](https://github.com/krishnaa192) › <https://www.linkedin.com/in/krishna-upadhyay192/>

## EXPERIENCE

### Intern, Embedded Systems

August 2023 - September 2023

Varcons Technologies Pvt Ltd

Bangalore, India

- Developed an embedded traffic system using Embedded C.
- Assisted in hardware-software integration and testing to ensure the system's reliability and performance.

## PROJECTS

### Blogme | Django, HTML, CSS, SQLite, Javascript

- Developed a blogging application, Blogme, using HTML and Django.
- Implemented user authentication, post creation, editing, and deletion features.
- Integrated an SQLite database for storing user information and blog posts and designed a responsive user interface for optimal user experience across devices.

### Hire: A hiring app | Django, JavaScript, HTML, CSS

- Developed a hiring application using Python and Django, enabling recruiters to efficiently manage job listings, and candidate applications.
- Implemented applicant functionalities, including job applying and allowing them to message HR directly.
- Designed an intuitive dashboard for recruiters to track applicant progress and manage job postings effectively, enhancing the hiring process's transparency and productivity.

### Social | React Js, CSS, Redux, JavaScript

- Created a social media application using React js for the front end.
- Implemented features such as user profiles, news feed, and messaging functionality..
- Design the user interface for a responsive and enhanced user experience.

### Food Spoilage Detection using CNN | Raspberry Pi, Python, Machine Learning, and JavaScript

- Developed a novel system leveraging Raspberry Pi and Convolutional Neural Networks (CNN) to accurately detect food spoilage in real-time.
- Implemented an efficient solution capable of processing sensor data and analysing images with high accuracy, ensuring timely detection of spoiled food items.
- Designed for practical use in various settings such as households, restaurants, and addressing the critical need for automated food safety measures..

## TECHNICAL SKILLS

### Languages and Databases

Python, JavaScript, Java, HTML, CSS, SQL, MongoDB, Machine Learning

### Libraries and Frameworks

React Js, Django, Flask, Node Js, Express, REST API

### Tools

Linux, Git/GitHub, Postman

## SOFT SKILLS

Problem-solving, Adaptability, Communication, and collaboration

## EDUCATION

### Bachelor of Engineering, Electronics and Communication Engineering.

November 2020 – June 2024

Sir M Visvesvaraya Institute Of Technology - Bangalore (Karnataka)

### Senior Secondary - XII

May 2017 – June 2019

Reliance Academy, Gorakhpur

## CERTIFICATIONS / OPEN-SOURCE CONTRIBUTION / COMPETITIVE-CODING PROFILES

Machine Learning Specialization - Coursera : <https://coursera.org/share/2640c4ac3fe5cf1712adf5469b8fd874>

Django Python - Udemy : <https://shorturl.at/BER89>

Python Data Structures - Coursera : <https://shorturl.at/gwL28>

Leetcode: <https://leetcode.com/krishna192/>

HackerRank <https://www.hackerrank.com/profile/krupadhyay192>

## ACHIEVEMENTS

- Finalist in inCode 2023 — Challenging injustice hackathon.

## LANGUAGE

Fluent in English and Hindi.