

Krishna Kumar Mukhiya

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Training

GeeksforGeeks

June 2024 - July 2024

DSA Self-Paced Course

- Developed a Sudoku solver using the backtracking algorithm.
- Designed the user interface with HTML and CSS; implemented logic and grid display using JavaScript.
- Applied core data structure concepts in a real-world application.

Projects

Event-Hub App / Android, Responsive App Design

March 2025 - April 2025

- Developed an Android application for discovering and booking local events.
- Implemented features including event listing, detailed views, seat booking, and community interaction.
- Integrated UPI and QR code-based payment systems with automated ticket generation.
- Built using Android Studio with Kotlin, focusing on a smooth and user-friendly UI/UX.
- Github Repository Link: <https://github.com/Krishna31m/EventAPP/tree/main/Kotlin>

Helmet Detection | Python, YOLOv5

March 2025 – April 2025

- Created a computer vision application for detecting helmets in real-time via images, video, or webcam feeds using a YOLOv5 deep learning model.
- Designed and implemented a user-friendly Tkinter interface to allow users to upload media and visualize detection outputs interactively.
- Trained a custom YOLOv5 model using labeled datasets and implemented inference scripts to test and validate the model's accuracy on unseen data.
- Github Repository Link: <https://github.com/Krishna31m/Python/tree/main/Helmet%20Detection>

Hotel Booking Website / HTML, CSS, Java Script

November 2023 - March 2024

- Built a functional hotel booking platform with secure user authentication.
- Implemented room availability logic, a booking system, and integrated online payment processing.
- Developed an admin dashboard for managing rooms, reservations, and user inquiries.
- Designed a responsive user interface to ensure a seamless experience across all devices.
- Github Repository Link: <https://github.com/Krishna31m/WEB-Hotel>

Certificates

Introduction to Android Mobile Application Development

November 2024

Coursera – Certificate link

Object-Oriented C++: Inheritance and Encapsulation

March 2024

Coursera — Certificate Link

Full Stack Web Development

February 2023

LinkedIn Learning — Certificate Link

Technical Skills

Languages C++, Java, Python

Technologies/Frameworks: Angular, Node JS, Git, GitHub, SQL, Ubuntu

Skills: Data Structures and Algorithms, Problem-Solving, Responsive Web Design

Education

Lovely Professional University Punjab

2022 – 2026

Computer Science and Engineering — CGPA: 6.02

Jalandhar, Punjab

P. C. High School Patsa

2019 – 2021

12th with Science — Percentage: 67.8%

Samastipur, Bihar

P. C. High School Patsa

2018 – 2019

10th with Science — Percentage: 62.6%

Samastipur, Bihar