

# Manish Kumar Lakhiwal

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## EDUCATION

### MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES

M.TECH IN AI ML

2023-pursuing

### MEDICAL ISSUE

2020-2023

### ARAVALI COLLEGE OF ENG. AND MGMT. | M.D.U

B.TECH IN CSE

2016-2020

Percentage: 60%

### KENDRIYA VIDYALAYA

CBSE(XII)

2016

Percentage: 67%

CBSE(X)

2014

CGPA: 8/10

## LINKS

Github:// Lakhiwal

Twitter:// lakhiwal43

Facebook:// lakhiwalmanish

## COURSEWORK

### POST GRADUATE

Machine Learning

Advanced Algorithms

Soft Computing

### UNDERGRADUATE

Data Structures & Algorithms

Operating Systems

Database Management

OOP

Computer Networks

Algorithm Design

## SKILLS

### PROGRAMMING

Experienced:

Java, Python, Spring Boot, C, C++, MySQL,

Flask, Machine Learning, Git

Intermediate:

C#, MongoDB

## OTHERS

Coding, Gaming, Football, Traveling

## EXPERIENCE

### SCOREME SOLUTIONS | SOFTWARE DEVELOPER

May 2021 - Nov 2021 | Gurugram, Haryana

- Conducted code reviews and implemented new coding standards; increased code maintainability and reduced development time.
- Troubleshoot and resolved bugs while ensuring clean, well-documented code.
- Collaborated with QA to enhance processes.

## PROJECTS

### FETAL HEALTH CLASSIFICATION

Jan 2024 - May 2024

- Developed and implemented a user-friendly interface for fetal health classification using advanced machine-learning algorithms.
- Optimized machine learning models, achieving a classification accuracy of over 90% for detecting fetal health.
- Conducted extensive data cleaning and preprocessing to ensure high-quality input data, resulting in improved model performance.

### WEARABLE HEALTH MONITORING SYSTEM

Jan 2020 - May 2020

- Developed a device specifically designed for frontline workers during the pandemic.
- Designed the device to record abnormal data of vital signs, including heartbeat, SPO2, and others.
- Implemented a system to transmit the recorded data to the respective department in real time.

### PRINTER APPLICATION

June 2019 - Dec 2019

- Developed a C# web application for print management, enabling users in any organization to set and adhere to page limits.
- Implemented features to prevent users from exceeding their allocated print quota, ensuring fair distribution of printing resources.
- Successfully deployed and actively maintained the print management application in a college environment.

## ACHIEVEMENTS

2019 Second Rank in Hackathon at ACEM, Faridabad

2016 Third Rank in Employability Test at ACEM, Faridabad

2018 Participated in LAN Gaming Competition at ACEM, Faridabad

2018 Sub Head of Technical and Literary Society at ACEM, Faridabad

## CERTIFICATIONS

### Core & Advanced Java

Jun 2017 - Dec 2017

### IoT Certification

Jan 2020 - Jul 2020

## PUBLICATIONS

[1] Kotlin mutableMapOf() - GeeksforGeeks

[2] What are the AngularJS Global API? - Geeks for Geeks