

# Arshdeep Kaur

Full Stack Web Developer | Passionate about Design, Business and Strategic Growth | Former IIT Intern

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## PROFESSIONAL EXPERIENCE

### iHub-AWadh, IIT, Ropar

Frontend Developer Intern

Feb 2024 – Jun 2024

Ropar, Punjab, India

During my internship at iHub AWaDH, IIT Ropar, I contributed to the Biodiversity Sensor Project. This project involved developing a web interface using Flutter to monitor and analyze data from sensors deployed in various ecosystems. The goal was to create a user-friendly platform that allowed researchers to visualize and interpret biodiversity data in real time. Working on this project not only enhanced my technical skills in Flutter and data visualization but also deepened my understanding of the importance of biodiversity monitoring for environmental conservation. My Contribution:

- ~Homepage Design: Engaging layout with videos, buttons, and an appealing color scheme.
- ~BirdTunes Page:
  - Features date pickers to select data search dates.
  - Users can fetch data in table format, showing the bird's name, species, observation date, and recorded audio. The table is searchable for user convenience.
- ~Dashboard Page:
  - Lists all deployed devices with columns for serial number, device name, active status (with tooltip for last activity), weather data, insect data, image data, and battery data.
  - >Users can:
    - Use date and time pickers to search data
    - Fetch data displayed in graphical format with zoom options.
    - Download data as CSV files.
    - Search for specific devices directly on the dashboard.

## EDUCATION

### Bachelor of Technology- Computer Science and Engineering

Maharaja Ranjit Singh Punjab Technical University

2020 – Jul 2024

Bathinda, Punjab, India

### 12th Physics-Chemistry-Math

Punjab School Education Board

Score- 89%

2019 – 2020

Barnala, Punjab, India

### 10th

Punjab School Education Board

Score- 93%

2017 – 2018

Barnala, Punjab, India

## SKILLS

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1. Programming Languages : C++, JavaScript, Dart:
2. Data Structures and Algorithms
3. Web Development: HTML, CSS, React.js, Node.js
4. Databases: MySQL, MongoDB
5. Tools & Platforms: GitHub, Canva, Flutter
6. Content Creation: PowerPoint, MS Word, MS Excel

## PROJECTS AND CERTIFICATES

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### MERN Stack [↗](#)

Oct 2023 – present

#### WorkProFinder

This website has the concept of providing job to the workers who are skilled but, yet unemployed. There may be certain reasons like, someone is living in such an area that has a lot of other workers so, there could be more chances of unemployment. Also, in urban areas people find it difficult to find good workers in certain months of the year. Thus, this website can provide a platform to people so that they can hire workers according to their needs.

The workers will also have their own account on the website just like the employers will have. They can fix the wages, timing, duration etc online.

Technologies used are as listed below:

- React
- JavaScript
- ECMAScript
- Express framework
- React Bootstrap
- Node.js
- MongoDB

### Full Stack Web Development [↗](#)

Jul 2022 – present

#### MedCare

We all have medicines in our homes that we don't use anymore, right? These medicines after expiration result into biomedical waste. So, **Medcare** provides a fully secure portal to the users for helping others by donating these medicines.

The website has a minimalist design that helps the users to use it easily.

Technologies used are as listed below:

- HTML5
- CSS3
- jQuery
- JavaScript
- Express.js (framework)
- Bootstrap
- Basics of Angular.js
- Node.js
- SQL

## INTERESTS

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UI Designing | Photography | Travel | Leadership