# Soumojit Koley

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## Education

**Academy of Technology**, B.Tech in Electronics and Communication Engineering                    Aug 2020 – July 2024

- CGPA: 8.47
- **Coursework:** Object-Oriented Programming (OOP), Data Structures and Algorithms, Web Technology
- **Project:**

  **IOT BASED AIR QUALITY MONITORING SYSTEM**                    Live | Github

  - **Tech Stack:** React, ApexCharts, Node.js, Express, NodeMCU ESP8266
  - **Project Role:** Frontend Developer
  - Built a frontend UI to display data from a NodeMCU ESP8266, integrated with an MQ135 sensor for air quality measurement.
  - Implemented Toast notifications for user alerts based on varying air quality levels.

**Ramakrishna Vivekananda Mission (XII)**, PCM with Computer Science                    Apr 2019 – Mar 2020

- Percentage: 78.6%
- **Coursework:** Programming Language (C), Data Structures and Algorithms

**Ramakrishna Vivekananda Mission (X)**, General Curriculum                    Apr 2017 – Mar 2018

- Percentage: 73.2%

## Technologies

**Languages:** C++, JavaScript

**Technologies:** HTML, CSS, React.js

**Tools and Software:** Git, Github, Visual Studio Code

## Projects

**HealthCare**                    Live | Github

- **Tech Stack:** React, React Router, JSON Data
- Developed a comprehensive HealthCare platform designed to access medical professionals and hospital services.
- Equipped with an easy user interface, users can effortlessly search for doctors based on specialization.
- Integrated json data to empower users to locate nearby hospitals by simply entering their pincode and also filter it by category.

**Weather App**                    Live | Github

- **Tech Stack:** HTML, CSS, JavaScript, Open Weather API
- Integrated the OpenWeather API for real-time weather data retrieval.
- Using geolocation to provide users with real-time weather updates for their current location.
- Implemented a user-friendly interface allowing users to view weather information for any city worldwide by simply searching its name.

## Certificates

- **HTML, CSS, & JavaScript** - Certification Course for Beginners                    Link
- **React** - Certification Course for Beginners                    Link