

# Pratik Kumar Rout

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Portfolio: <https://pratik-kumar-rout.vercel.app>

“Software dev, builds dynamic web and native apps with clean & modern UI.”



## EXPERIENCE

### **BPUT COMPUTER CLASSES, SORO - Lab Assistant (2024 - 2025)**

Assisted in managing computer lab operations and supported students in learning core web development and design concepts. Conducted hands-on sessions, maintained lab systems, and mentored learners while promoting accessibility, clean code, and creative problem-solving.

## EDUCATION

**Aryan Institution of Engineering & Technology, Bhubaneswar—**  
MCA

**H.K. Mahatab College, Kupari, Balasore—** B. Sc. (Physics)

**Talanagar College, Talanagar—** Inter C.H.S.E. Odisha

**Biswambhar Nath High School, Talanagar—** Matric B.S.E. Odisha

## PROJECTS

### **Exam Questions Prediction Model Using Machine Learning:-**

Efficient Exam Question Prediction via ML: Developed a machine learning model, utilising a MySQL database for training data and Visual Studio for development, to predict upcoming exam questions.

### **Analogue Clock: Responsive & Themed:-**

Developed a fully responsive and visually appealing, cross-platform analogue clock application with Flutter and Dart, featuring user-selectable dark and light modes. The clock's hand behaviour is precisely controlled through mathematical angle formula implementations.

## SKILLS

Programming languages:  
Java, Dart, Python

Web development: React,  
HTML, CSS, JavaScript

Framework: Flutter, NodeJS

Database: MySQL, Firebase

Tools: VS Code, AI tools,  
Postman

Version control: Git & Git  
hub

## CERTIFICATES

Fundamentals of Artificial  
Intelligence by NPTEL

Introduction to Internet of  
Things by NPTEL

Cloud Computing by NPTEL

Data Science with Python,  
SkillUp by Simplilearn

## LANGUAGES

English, Hindi, Odia

