Pratik Kumar Rout

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"Software dev, builds dynamic web and native apps with clean, modern UI."

EXPERIENCE

BPUT COMPUTER CLASSES, SORO *(2024 - 2025)* -
Lab Assistant **:**
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*   (CGPA: 8.65)

H.K. Mahatab College, Kupari, Balasore— *B. Sc. (Physics)*
(CGPA: 7.20)

Talanagar College, Talanagar— *Inter C.H.S.E. Odisha*
(CGPA: 5.72)

Biswambhar Nath High School, Talanagar— Matric *B.S.E. Odisha* (CGPA: 8.28)

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