

Pratik Kumar Rout

Software Engineer

India, Odisha, Balasore, Soro (756045) | Mail: routpratikiven@gmail.com | Phone: 7978832741
LinkedIn: linkedin.com/in/pratikkumarrou | Portfolio: pratik-kumar-rout.vercel.app

PROFESSIONAL SUMMARY

Software Engineer (MCA) highly proficient in Java and modern web technologies (React/Next.js). Full-stack experience, hands-on experience in responsive UI, scalable backend logic.

WORK EXPERIENCE

BPUT COMPUTER CLASSES, SORO - 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.

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.
- Krishna-Katha:**
Immersive Storytelling Experience Engineered a modern, responsive web application dedicated to spiritual literature using React and Next.js. The interface features a distraction-free reading environment with optimised content loading. Leveraged Firebase Cloud Firestore to architect a scalable backend, enabling instant content retrieval and dynamic categorisation of stories.

EDUCATION

Aryan Institution of Engineering & Technology, Bhubaneswar— MCA (2022-2024)	cgpa- 8.6
H.K. Mahatab College, Kupari, Balasore— B. Sc. (Physics) (2017-2020)	cgpa- 7.2
Talanagar College, Talanagar— Inter C.H.S.E. Odisha (2015-2017)	cgpa- 5.7
Biswambhar Nath High School, Talanagar— Matric B.S.E. Odisha (2006-2015)	cgpa- 8.2

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

CERTIFICATIONS

- Fundamentals of Artificial Intelligence by NPTEL
- Introduction to Internet of Things by NPTEL
- Cloud Computing by NPTEL
- Data Science with Python, SkillUp by Simplilearn