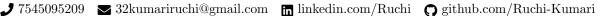
Ruchi Mishra

Krishna Nagar, Saharsa, Bihar 852201







Summary

Aspiring AI and Full-Stack Developer with a strong foundation in Python, Java, and web technologies, along with hands-on experience in building AI-powered applications and scalable web solutions. Skilled in Flask, React.js, Node.js, and database systems (MySQL, MongoDB). Passionate about creating innovative, efficient, and user-friendly solutions leveraging modern technologies and AI-driven insights.

Education

Banasthali Vidyapeeth 07/2023 - Present Bachelor of Technology - BTech - AI 8.54/10.0 Senior Secondary School Sharda Mandir Banasthali Vidyapeeth Rajasthan 07/2021 - 04/2023Intermediate, (PCMG)

Senior Secondary School Sharda Mandir Banasthali Vidyapeeth Rajasthan Matriculation

04/2018 - 06/2021

95%

Relevant Coursework

• Data Structures

- Database Management
- Artificial Intelligence
- Computer Architecture

- Algorithms Analysis
- Systems

- Linear Algebra
- Operating Systems

Projects

Correct Me! - AI-driven Language Correction | Flask, Git, GitHub, HTML, CSS, JS

Jan 2021

- Created an AI-powered tool for detecting spelling and contextual word errors with an adaptive UI.
- Enabled multilingual support and instant error highlighting using visual cues.
- Showcased the project during Banasthali's flagship event Mayukh Fest.

AI Cost Optimization Advisor | React.js, Node.js, Express.js, MongoDB, OpenRouter API

Jun 2025

- Developed a platform to evaluate and minimize AI model expenditure for enterprises.
- Integrated OpenRouter API for intelligent model recommendations.
- Implemented Smart Recommendation and Cost Comparison features to enhance decision-making.
- Engineered a secure backend with Express is and MongoDB for data management.

Technical Events

Hackverse Hackathon Mar 2025

Backend Developer - Gasless Economy on Aptos (Remote / India)

- Developed a gasless transaction system on the Aptos blockchain as part of a hackathon team project.
- Implemented smart contracts using Move and handled blockchain integration via the Aptos SDK.
- Built backend services with **Node.** is to support Web3 functionality and manage gasless transactions.
- Gained hands-on experience in decentralized technologies, blockchain architecture, and smart contract development.
- Collaborated with a cross-functional team under mentorship from Ayushi Bishnoi and Hitesh Bajaj.

Technical Skills

- Languages: Python, Java, C, HTML/CSS, JavaScript, SQL,
- Technologies/Frameworks: Linux, Flask, Pandas
- Database Tools: MySQL, MongoDB (basics)
- Tools & Platforms: Git, GitHub, MATLAB, VS Code, Jupyter Notebook
- Operating Systems: Windows, Ubuntu (Linux)