RISHI JHA

Bhopal, Madhya Pradesh

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EDUCATION

Maulana Azad National Institute Of Technology   **2023 − 2026**
Master Of Computer Application   *Bhopal, Madhya Pradesh*

Lalit Narayan Mishra College Of Business Management   **2020 − 2023**
Bachelor Of Computer Application   *Muzaffarpur, Bihar*

B.C.B.D. College   **2019 − 2020**
XII-(PCM), Bihar School Examination Board   *Muzaffarpur, Bihar*

St. Joseph's Senior Secondary School   **2017 - 2018**
X, CBSE Board   *Muzaffarpur, Bihar*

PROJECTS

E Learning Platform ⧉ | React, Redux, Tailwind CSS, Node.js, Express.js, MongoDB   **2024**

- Developed the frontend using **React.js**, **Redux Toolkit**, **Tailwind CSS**, and **React Router**, creating a responsive, single-page application with seamless navigation and dynamic UI updates.
- Built the backend using **Node.js**, **Express.js**, and **MongoDB**, implementing RESTful APIs, authentication, secure routing, and database operations using Mongoose ORM(Object-Relational Mapping).
- Implemented secure user **authentication** and role-based **authorization** using **JWT**, secured by **bcrypt and jsonwebtoken,** and Express middleware, supporting Student, Instructor, and Admin access levels.
- Integrated **Razorpay** for seamless course purchases with real-time payment verification on the backend.
- Configured transactional emails using **Nodemailer** and **Mailtrap SMTP service**.
- Features include Signup, Login, Role-Based Access, Purchase System, Progress Tracking, Rating and Reviews, and Email Notifications.

Stock Price Prediction ⧉ | Python, Scikit-learn, TensorFlow and Keras, LSTM   **2024**

- Developed a stock price forecasting model using **LSTM networks** built with **Keras (TensorFlow backend)**, leveraging historical time-series data to predict future price movements with improved accuracy.
- Implemented data preprocessing, normalization, and visualization using **Pandas, NumPy,** and **Matplotlib**, ensuring clean and well-scaled input for the deep learning model.
- Trained and evaluated the **LSTM model** with real-world stock data fetched via **Yahoo Finance API**, achieving accurate trend predictions and showcasing results through Jupyter Notebook.

Portfolio-Website ⧉ | React.js, TypeScript, Vite, Tailwind CSS   **2025**

- Developed a fully responsive personal portfolio website for showcasing **3+ personal projects** and skills.
- Integrated interactive UI components such as dynamic navigation, social media links, and resume download using modern frontend libraries and tools.
- Designed and deployed the portfolio for networking and job outreach, serving as a digital identity to connect with recruiters and the developer community.

TECHNICAL SKILLS

Programming Languages: C, **Java**, Python, JavaScript, SQL.
Web Technologies/Frameworks: Node.js, Express.js, React.js, Redux, Tailwind CSS.
Database Systems: MongoDB, MySQL.
Developer Tools/DevOps: VS Code, Postman, Git, GitHub.
Libraries: Numpy, Matplotlib, Seaborn, Pandas.
Cloud Technologies: AWS (EC2).
Specialized Area: Data Structures and Algorithms, Problem Solving, Object Oriented Programming, Database Management System, (Basic)Computer Networking, Operating Systems.

GENERAL SKILLS

- Leadership
- Organizational Skills
- Team Collaboration
- Active Listener

EXTRACURRICULAR/ACHIEVEMENTS

- Achieved National Rank 374 in NIMCET 23.
- Solved **250+** Questions On Coding Platforms.
- **Organized** and **Managed** a large-scale event for freshers with **200+ attendees**, overseeing **3 logistics teams**, from planning to execution, ensuring a smooth and successful event.
- **Languages Known:**   English, Hindi