

Rishav Jha

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EDUCATION

Kalinga Institute of Industrial Technology

B.Tech (Computer Science and Engineering)

Minor Degree in Financial Economics using Data Analytics

Coursework: Data Structure, Design, and Analysis of Algorithms, Operating System, DBMS

Bhubaneswar, India

(2021-2025)

WORK EXPERIENCE

WIPRO LIMITED

Project Engineer

Bengaluru, India

March 2026 – Present

- Completed pre-skilling training in .NET Full Stack Development
- Gained hands-on experience with Angular, ASP.NET, C#, and SQL Server
- Strengthened understanding of frontend-backend integration and REST APIs

PROJECTS

ShopForHome - Full Stack E-Commerce Web Application

- Developed a full-stack e-commerce platform with role-based authentication (Admin/User) using JWT and secure API integration
- Built a scalable frontend using Angular standalone components, lazy loading, and reactive forms for optimized performance and UX
- Implemented key features like cart management, coupon system, product & image upload, stock alerts, and sales reporting

Transport Management System - Backend Application

[Team Project]

- Developed a transport management system implementing vehicle, trip, and booking workflows with full CRUD operations
- Designed and integrated relational database schema (Vehicles, Trips, Routes, Passengers, Bookings) with efficient SQL queries
- Applied object-oriented principles and layered architecture (DAO, Service, Model) with custom exception handling and unit testing

Amazon Recommendation System - Machine Learning Project

- Developed a recommendation system using collaborative filtering, content-based filtering, and matrix factorization (SVD) to suggest products based on user preferences
- Applied NLP techniques to analyze user reviews and product descriptions for feature extraction and improved recommendation accuracy
- Designed a scalable pipeline leveraging user behavior data and similarity metrics to generate personalized recommendations

PUBLICATIONS

- **R. Jha**, M. R. Panda, S. K. C., and A. Dahal, “[Deep Learning Architectures for Multimodal Sentiment Analysis](#),” 2025 International Conference on Intelligent and Cloud Computing (ICoICC), Bhubaneswar, India, May 2–3, 2025. IEEE
- **R. Jha**, S. K. C., A. Dahal, and M. R. Panda, “[Deep Learnings for Financial Sentiment Analysis](#),” 2025 International Conference on Emerging Systems and Intelligent Computing (ESIC), Bhubaneswar, India, Feb. 8–9, 2025. IEEE

TECHNICAL SKILLS

- **.NET Full Stack:** ASP.NET Core MVC, .NET 8, C#, Entity Framework Core, Web API, JWT Authentication, Angular 21, RxJS
- **Languages:** C++, Python.
- **Web & Backend:** HTML, CSS, JavaScript, Spring MVC.
- **Database:** Mysql, Postgres.
- **ML & DL:** Scikit-Learn, TensorFlow, Keras, PyTorch, CNN, RNN, Transformers.
- **NLP & Data Analysis:** NLTK, Hugging Face, Pandas, NumPy, Matplotlib, Seaborn, EDA.
- **Developer Tools:** IntelliJ, VS Code, Git, Eclipse, Jupyter Notebook.