# NIKHIL KUMAR JHA

Bhawanipur, Madhubani, Bihar – 847234

nikhiljha121151@gmail.com | +91 82109 12303 | linkedin.com/in/nikhil-jha | github.com/Nikhiljha942

## Professional Summary

Aspiring **Software Engineer (MCA)** with a strong foundation in **Java, Python, SQL, and Web Development**. Experienced in projects such as **management systems, e-commerce applications, and data visualization tools**, with knowledge of **Agile and SDLC practices**. Certified in **C#, React.js, ADCA, and Tally**, with proven problem-solving skills on **HackerRank and LeetCode**. Seeking opportunities to contribute technical expertise, teamwork, and adaptability to deliver innovative IT solutions.

## Education

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|---|---|
| **Master of Computer Applications (MCA)**, Chandigarh University | 2024–2026 (Expected) |
| **B.Sc. (Bachelor of Science)**, L.N.M.U, Darbhanga | 2020–2023 (71%) |
| **Intermediate (BSEB)**, M.M.T.M College, Darbhanga | 2018–2020 (77.8%) |
| **Matriculation (BSEB)**, S.K. High School, Madhubani | 2017–2018 (62%) |

## Technical Skills

- **Programming:** Java, Python, C, C++
- **Web Development:** HTML, CSS, JavaScript, React.js, JSP, Servlets
- **Databases:** SQL, MySQL
- **Accounting Tools:** Tally ERP 9
- **Tools & IDEs:** GitHub, NetBeans, Power BI
- **Concepts:** Data Structures & Algorithms, OOP, DBMS, SDLC, Agile

## Projects

**Gym Management System** (Python, SQL)

- Built a desktop-based system with SQL integration for real-time member and payment management.
- Reduced manual record-keeping by **40%**.

**Shop Heaven – E-Commerce Website** (HTML, CSS, JavaScript)

- Developed a dynamic and responsive e-commerce website with real-time product updates.
- Enhanced user experience and improved data accessibility.

**Election Result Visualizer** (Python, Matplotlib, NumPy)

- Designed a visualization tool to analyze and display election results using graphs and charts.

**University Management System** (JSP, Java, MySQL)

- Implemented a scalable solution for managing student, faculty, and course data.

**Café Management System** (JSP, Servlets, SQL)

- Created a role-based platform for Admin, Staff, and Customers to manage orders, billing, and menus.

**Path Finder (Shortest Path Algorithm)** (C++, Dijkstra's Algorithm)

- Implemented shortest path finder for places using Dijkstra's Algorithm to optimize search time.

## Certifications

- C# Programming Certification — Infosys Springboard (2023)
- React.js Development Certification — Project-based Learning (2024)
- ADCA (Advanced Diploma in Computer Applications) — 2023
- Tally ERP 9 Certification — 2023

## Achievements

- Solved **100+ coding problems** on HackerRank and LeetCode.
- Attended **5+ workshops** on Java, Web Development, and Data Analytics.
- Contributed to open-source projects on GitHub.
- Demonstrated strong leadership and teamwork skills in academic projects.

## Languages

Hindi | Maithili | English