# Deep Shikha Rani

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in  LinkedIn

## Education

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| **Patna University** (Patna Women College),Patna | 2023–2025 |
| *Master of Computer Applications* | |

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| **Patliputra University (J. D. Women College)** | 2018–2021 |
| *Bachelor of Science (B.Sc)* | |

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| **DAV Public School**, N.I.T Campus, Adityapur Jamshedpur | 2016–2018 |
| *CBSE 12th board, Science* | |

## Technologies and Skills

**Languages:** Java, JavaScript, C, HTML5, CSS3, Python
**Frameworks and Tools:** React JS, Next JS, Node JS, Tailwind CSS
**Databases:** MongoDB
**Skills:** Problem Solving, Modular coding, Canva, Critical Thinking, Communication .

## Experience

**Polytropic ServicesPvt. Ltd -** *Online Job Portal*                    Jan 2025 – Apr 2025
- Assigned to develop and enhance features of an **Online Job Portal** within the **broader project framework** of e-Doctor (Appointment System).
- Developed full-stack features using **MongoDB, Express.js, React.js, and Node.js**; implemented user authentication, job posting modules, and RESTful APIs.
- Delivered a **functional** MERN-based **job portal prototype** that met organizational requirements; recognized for sincerity, hard work, and a positive approach by mentors.

## Research

**Emerging Technology Impact on Globalization**
- Conducted in-depth research on disruptive technologies including **Artificial Intelligence, Blockchain, Quantum Computing, Cloud Computing, IoT, and Sustainable Technology**.
- Analyzed their development, real-world applications, and potential future impact on global sectors such as **healthcare, finance, business, manufacturing, and education**.
- Explored the **socioeconomic divide** created by unequal access to emerging technologies and highlighted the need for inclusive digital policies.
- Emphasized policy-level recommendations for equitable distribution and global integration of advanced technologies.

## Projects

**e-Doctor – Online Appointment Booking System** (*Tech Stack:* MERN)
- Developed a **MERN stack web application** enabling patients to **book appointments and consult doctor**s through a centralized online portal.
- Built features for **user registration, doctor and patient dashboards, appointment scheduling**, and **real-time doctor availability**.
- Implemented secure **login/authentication (JWT)** and a portal where doctors and patients can view, accept, or manage appointments.
- Designed a **responsive frontend** with **React.js** and **created RESTful APIs for backend** communication using Node.js and Express.js.

## Achievements and Initiatives

- Anchored College Cultural Events – Led stage events, demonstrating strong communication and crowd management skills.
- Team Lead in Academic Projects – Guided teams in ensuring project completion within deadlines with collaborative task distribution.