Nargis Khatun

Master of Computer Applications
Institute of Technical Education and Research
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EDUCATION

•**Master of Computer Application (MCA)** *2023-25*
Institute of Technical Education and Research, SOA deemed to be university, Bhubaneswar CGPA: 8.3

•**Bachelor of Science in Mathematics(BSC)** *2019-22*
Panchayat Prahallad College, Nischintakoili CGPA: 7.30

TECHNICAL SKILLS AND INTERESTS

- **Languages**: Java (Core and Advanced), JavaScript, Python, SQL.
- **Backend Development**: Experience in building secure RESTful APIs using Spring Boot, including Spring Security, JWT Authentication, and Spring Data JPA for database connectivity, and Microservices architecture.
- **Frontend Technologies**: React.js (basic component-based UI), HTML, CSS, JavaScript.
- **Database**: MySQL, proficient in writing queries, joins, and managing schemas.
- **Tools and Platforms**: IntelliJ IDEA, VS Code, Postman, Git, GitHub, Kafka, Docker.
- **Relevent Coursework**: Database Management Systems (DBMS),Object Oriented Programming (OOPs), Data Structures & Algorithms(DSA), Microsoft Office.
- **Areas of Interest**: Full Stack Web Development, Secure API Design, Scalable Systems.
- **Soft Skills**: Self-Learning, Professional Email Writing, Mastery in Using AI Tools, Teamwork, Presentation Skills.

TECHNICAL INTERNSHIP EXPERIENCE

•**Software Development Intern** [Link] *June 2025 – November 2025*
DeepSurge AI Tech Pvt. Ltd., Bhubaneswar

- Contributed to Vision AI–based application development, including video dataset preparation and annotation workflows using CVAT, enhancing dataset quality and processing efficiency.
- Supported development of ROADiQ.AI web application and APIs for the BharatVox app, demonstrating strong problem-solving, initiative, and effective collaboration within the engineering team.

PERSONAL PROJECTS

•**Quiz Application** [GitHub]
Developed a quiz-based application that allows users to take subject-wise quizzes and get evaluated in real-time.

- Designed and implemented user-friendly interface for displaying quiz questions and accepting responses and developed backend logic to fetch quiz questions dynamically from the database.
- Created a quiz workflow where users can start a quiz, submit answers, and view their final scores.
- Implemented real-time score calculation and answer validation based on user input and built secure communication between the interface and the data layer to maintain integrity.

•**Real-Time Movie Search Application** [GitHub]
An application that allows users to search and explore movie information in real-time with a smooth and interactive experience.

- Users can search movies by name and view live results instantly on screen and fetched movie data is displayed dynamically in a user-friendly layout.
- Each movie shows relevant details like name,and release info and integrated external movie data into the application for real-time display.

CERTIFICATES

- **Completed a comprehensive Full Stack Java Development certification LIVE Course (Nov 19, 2024)**
- **Completed certification in JavaScript.**
- **Post Graduate Diploma in Computer Applications (PGDCA)**

POSITIONS OF RESPONSIBILITY

–**Project Leader (B.Sc. Mathematics)**
  * Led a team of 10 students in a project as part of my B.Sc. program, taking on key responsibilities in coordination and execution. Successfully completed the project, which contributed to securing the highest score in the subject.

Hobbies and Interests

* Passionate about reading self-help books focused on mindset development and lifelong learning.
* Enjoy freehand sketching as a form of self-expression and mindfulness.
* Solving Rubik's Cube to sharpen logical thinking and pattern recognition skills.