

Roshan Kumar Sharma

roshan.amlai96@gmail.com

Phone: 93991 02042

LinkedIn: RoshanSharma7

GitHub: RoshanSharma7

Technical Skills

- **Languages:** Java, Python, JavaScript, SQL, HTML5, CSS3.
- **Frameworks / Libraries:** J2EE, Java 8/11, Spring Boot, JDBC, Servlets, Bootstrap.
- **Databases:** MySQL, Oracle.
- **Developer Tools:** Git, GitHub, Visual Studio, IntelliJ IDEA, PyCharm.
- **Web/Operating System:** Windows, Linux.
- **Technical Proficiencies:** Object-Oriented Programming, Function-Oriented Programming.
- **Soft Skills:** Leadership, Problem-Solving, Collaborative, Time Management.

Education

Master of Computer Application

Indira Gandhi National Tribal University, Amarkantak

- CGPA: 8.15

Madhya Pradesh

Sept 2022 – May 2024

B.Voc (Software Development)

Indira Gandhi National Tribal University, Amarkantak

- CGPA: 7.87

Madhya Pradesh

July 2019 – May 2022

Academic Projects

Disease Prediction and Medicine Recommendation System [GitHub](#)

Jan 2024 - May 2024

- Built a machine learning model for disease prediction, **achieving 90% accuracy** using algorithms like Random Forest and SVM on a dataset with 5000 rows and 142 columns.
- Developed a responsive web interface with Flask, HTML, CSS, Bootstrap, and Jinja2 templates.
- Utilized Scikit-learn, Pandas, and NumPy for data preprocessing, feature selection, and analysis.

Tower of Hanoi Solver [GitHub](#)

Oct 2023 – Dec 2023

- Developed an efficient **recursive algorithm** for variable input sizes to solve the Tower of Hanoi puzzle, demonstrating strong problem-solving skills and algorithmic expertise.
- Showcased proficiency in **Java programming**, including control flow, recursion, and method design.
- Ensured **scalability and optimization** by enabling the solution to handle both small and large disk inputs efficiently.

Info-tech Solution Website [GitHub](#)

Jan 2022 – May 2022

- Developed a **dynamic website** offering software and hardware solutions for customers.
- Implemented the front end using **HTML, CSS, JavaScript, and Bootstrap**.
- Designed the backend with **PHP, SQL, and MySQL**, ensuring secure and efficient data management.

Internship

Intern at Cad Desk, Web Designer

Aug 2021- Sep 2021

- Designed and implemented user-friendly web interfaces using **HTML, CSS, JavaScript, Bootstrap, and PHP**.
- Collaborated on troubleshooting and optimizing website functionality, improving performance by 25%.
- Gained hands-on experience in **MySQL** for database integration.

Courses and Certifications

- **Oracle Java Foundation**
- **HackerRank Software Engineer Intern Certificate**
Skills: Java, SQL, Problem-Solving, Aptitude
- **Google Cloud AI Batch Certificate**

Achievement & Awards

- Led a team of 3 to improve project efficiency by 20%, earning the “Star Performer” at I.G.N.T.U.

Hobbies

- **Coding:** Enhancing skills by solving real-world problems.
- **Boxing:** Improving focus and discipline.
- **Cricket:** Team collaboration and strategy-building.