

PRASHANT VISHWAKARMA

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Education

Shri Ramswaroop Memorial University, Lucknow

September 2022 - Present

Bachelor of Technology in Computer Science & Engineering and Data Science & AI

CGPA: 6.31/10

Relevant Coursework

- Data Structure & Algorithms
- Design Algorithms Analysis
- Operating System
- Computer Network
- Software Engineering
- Database Management
- Data Science
- Machine Learning

Experience

Java Programming Intern | CodeAlpha – Remote

- Gained hands-on experience in core Java such as OOPs, exception handling, collections, and file handling.
- Worked on small-scale Java projects to implement real-world logic and improve problem-solving skills.

Projects

1. Personal Portfolio Website | HTML, CSS, JavaScript

- Developed a responsive personal portfolio website to showcase skills, projects, and achievements.
- Designed an intuitive UI with smooth animations and interactive elements.
- Implemented a mobile-friendly layout ensuring cross-device compatibility.

2. Guesser Number Game | Java

- **Object-Oriented Programming:** Implemented core OOP principles like **classes**, **objects**, and **methods** to organize game logic.
- **Encapsulation:** Each entity has its own class, encapsulating related data and behavior.
- **User Input Handling:** Used **Scanner** class for interactive console input.
- **Conditional Logic:** Applied nested **if-else conditions** for comparing guesses and determining winners.
- **Control Flow Management:** Designed systematic collection and comparison processes to manage game flow.

3. Hospital Management System | Java

- **Object-Oriented Programming (OOP):** Designed with multiple classes showing principles of **encapsulation**, **abstraction**, and **modularity**.
- **Dynamic Data Management:** Used **ArrayList** to store and manage patients, doctors, and appointments efficiently at runtime.
- **Auto-Generated IDs:** Implemented **automatic ID assignment** for patients and doctors to uniquely identify records.
- Built an interactive **console-based menu system** allowing users to add, view, and manage hospital records.
- Created **real-world relationships** between entities (patients booking appointments with doctors).
- Used **Scanner** class to capture and validate user inputs.

Technical Skills

- **Programming Languages:** Java ,JavaScript, Python.
- **Web Development:** HTML, CSS.
- **Statistical & Analytical Tools:** IBM SPSS Modular
- **AI & Cloud Platforms:** IBM Watson (Assistant, Studio), IBM Cloud
- **Version Control & Design Tools:** Git, GitHub, Canva, VS Code

Certification and Achievements

- **Data Science Methodology - SRMCEM Lucknow** (Mar 2025)
- **Predictive Analytics – IBM** (Mar 2025)
- **Tata Group - Data Visualization: Empowering Business with Effective Insights (Job Simulation) - Forage** (Jan 2025)
- **Career Essentials in Software Development - Microsoft & LinkedIn** (Jul 2024)
- **Introduction to Career Skills in Software Development - LinkedIn** (Jun 2024)
- **Create and Design Digital Products using Canva - Coursera Project Network** (May 2024)