

# Shilpa R

📞 +91-8618904367 | ✉️ [shilpa31r@gmail.com](mailto:shilpa31r@gmail.com) | [in/shilpar2](https://www.linkedin.com/in/shilpar2)  
🌐 <https://github.com/Shilpar31> | [View my Portfolio](#)

## Education

**Master of Computer Applications (MCA) | CGPA: 8.9** **Bengaluru, India**  
*Kristu Jayanti College*

**Bachelor of Computer Applications (BCA) | CGPA: 9.6** **Bengaluru, India**  
*Kristu Jayanti College*

## Skills

**Programming Languages:** Python, Java, SQL, C  
**Libraries/Tools:** Pandas, NumPy, Scikit-learn, PySpark, Matplotlib, Power BI, Excel, Jupyter Notebook  
**Familiar With:** DSA, AWS, Machine Learning, Large Language Models (LLMs)  
**Soft Skills:** Adaptability, Communication, Analytical Thinking, Creativity, Teamwork

## Professional Experience

**Teaching and Research Assistant | Full-Time** *Jul 2024 – Present*  
**Kristu Jayanti College**

- Taught Data Structures, C, Java, HTML, and JavaScript to undergraduates, emphasizing coding skills and algorithm optimization.
- Conducted research in Machine Learning and AI, while guiding student projects in OOP and web development.

**Technical Consultant - Data Science | Internship** *Jan 2024 – Jul 2024*  
**Edureka**

- Delivered IT solutions and training, achieving 80% client satisfaction through data analysis and effective communication.
- Provided insights using ML and Power BI, identifying areas for data optimization and process improvement.

**Software Engineer Trainee | Internship** *Jan 2023 – Jul 2023*  
**Sysfore Technologies Pvt Ltd**

- Developed two modules for a manufacturing firm, improving system functionality by 10%.
- Identified software issues, prepared BRDs and solutions, and adapted to project scope changes; rated 4.1/5 for performance.

## Projects

**AI-ML Models for Mining Safety (Sept 2024 – Present)**  
• Used ML with fuzzy logic to improve safety in mining, developing predictive systems for hazard detection.

**Travel Aggregator Analysis (2024)**  
• Analyzed booking data and visualized trends (pie charts, heat maps) to reveal key patterns.

**Customer App Usage Behavior Analysis (2024)**  
• Analyzed app usage data to optimize user experience and predict customer behavior. [GitHub link](#)

## Certifications

- Minor degree in AI - IIT Ropar | Aug 2024- Present
- Generative AI with LLM - DeepLearning.AI - [Gen AI with LLM](#)
- Data Science Job Simulation -BCGX (Forage) - [BCGX](#)
- Microsoft Power BI Certification Training Course by Edureka - [Edureka](#)
- AWS Academy Graduate by Amazon Web Services(AWS) - [AWS](#)