

# DEEPIKA T P

📞 919972869738 | Mysuru, Karnataka | ✉ [deepikatp2002@gmail.com](mailto:deepikatp2002@gmail.com) | [in linkedin.com/in/deepikatp/](https://www.linkedin.com/in/deepikatp/) | [Github](#)

## CAREER OBJECTIVE

Highly motivated Computer Science postgraduate with hands-on experience in developing ML-based systems and backend components using C#.NET and SQL Server. Proficient in Python, Java, and full-stack academic solutions. Seeking an entry-level role as a Software or Backend Developer to contribute to scalable and data-driven applications.

## TECHNICAL SKILLS

**Programming Languages:** Python, Java (Basic), C#.NET

**Web Technologies:** HTML, CSS

**Databases:** MySQL, SQL Server

**Tools & IDEs:** Visual Studio Code, Jupyter Notebook

## EDUCATION

### **Master of Computer Applications (MCA)**

The National Institute of Engineering, Mysuru (Visvesvaraya Technological University)

2022 – 2024 | **CGPA:** 7.17/10

### **Bachelor of Science (B.Sc.) in Computer Science**

Government College for Women, Hunsur (University of Mysore)

2019 – 2022 | **CGPA:** 8.39/10

## INTERNSHIP EXPERIENCE

### **Software Development Intern**

ORB Focus Technologies – Mysuru | Dec 2023 – Jan 2024

#### **Project: Fake Review Detection in E-commerce (Machine Learning):**

- Developed backend services using **C#.NET**, focusing on functionality and maintainability.
- Designed and integrated structured data models using **SQL Server**.
- Conducted **data preprocessing** and feature extraction for ML model development.
- Contributed to improving review authenticity and user trust on the platform.

**Technologies Used:** C#.NET, SQL Server, Machine Learning, Data Cleaning

## ACADEMIC PROJECTS

**Project: Hospital Resources with Mortality Rates using Machine Learning – GitHub:** [Link](#)

### **Final Year MCA Project | 2023 – 2024**

- Created a data analytics tool using **C#.NET** to analyze hospital resource allocation.
- Used **SQL Server** to manage large hospital datasets (beds, staff, ICU data).
- Applied the **Apriori algorithm** to identify patterns between limited resources and patient mortality.
- Delivered insights to aid hospital decision-makers in better resource planning.

**Technologies:** C#.NET, SQL Server, Apriori Algorithm, Data Analysis

### **Project: Student Management System (Python, MySQL):**

#### **Mini Project | 2022 – 2023**

- Developed a desktop-based application using **Python** and **MySQL** to automate student record management.
- Built modules for attendance, grades, and personal info tracking with a clean UI.
- Improved academic data handling efficiency and reduced manual workload.

**Technologies:** Python, MySQL

## CERTIFICATIONS

- Basics of Python – Infosys Springboard
- Python for Beginners – Udemy
- Java Programming Training – Besant Technologies

## LANGUAGES

Kannada (Native), English (Fluent)