

# Rudresh N G

**Location:** Bengaluru, India.

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**GitHub** : [github.com/Rudresh45](https://github.com/Rudresh45)

## OBJECTIVE:

An aspiring Software Engineer with hands-on experience in Python, full-stack development, and machine learning. Possessing strong skills in Django, SQL, and AI-based solutions, with a proven ability to develop scalable applications, optimize workflows, and deliver impactful software. I am passionate about solving real-world problems through innovative technology

## SKILLS :

- **Programming languages:** Python, JavaScript(ES6)
- **Frameworks :** Django, Bootstrap
- **Frontend:** HTML5, CSS3, JavaScript
- **Databases:** MySQL, DBSQL, Oracle SQL
- **Tools :** VS Code, PyCharm, Git, GitHub
- **Core Concepts :** Object-Oriented Programming (OOP)
- **Problem-Solving :** LeetCode, HackerRank

## EXPERIENCE :

### Web Development Intern, At Interpe

NOV 2023 – DEC 2023

- Developed and deployed responsive websites using HTML5, CSS3, and JavaScript, leading to a 20% increase in user engagement.
- Increasing the accuracy of dynamic reports and data visualization, which increased data accessibility for decision-making by 40%.
- Optimized database queries and implemented best practices for secure data handling and real-time updates.

## EDUCATION :

BE Information Science And Engineering

**CGPA: 8.07**

**GM Institute of Technology**, Davanagere | **2021 – 2025**

## PROJECTS :

### Smart PDF Analyzer | [GitHub](#)

- Engineered an AI-powered PDF analysis tool using Python, Streamlit, LangChain, and OpenAI APIs for educational and research assistance.
- Implemented a feature allowing users to upload PDFs, ask contextual questions, and receive AI-generated answers directly from the document.
- Developed a responsive, sidebar-driven UI that enabled real-time interaction and provided a seamless user experience.
- Optimized backend workflows for document parsing, semantic search, and content retrieval, reducing manual document review time by 70%.

### Student Management System | [GitHub](#)

- Developed a web-based student management application using Django Function-Based Views (FBV) enabling create, read, update, and delete (CRUD) operations.
- Integrated search, pagination, and dynamic table view to enhance accessibility and efficient record navigation.
- Implemented SweetAlert2-based interactive delete confirmation dialogs and Django messages framework for user-friendly feedback
- Designed a clean, responsive UI using Bootstrap ensuring optimized usability across devices and screen sizes.
- Utilized SQLite database with Django ORM for structured, reliable, and secure handling of student data.

## CERTIFICATES :

### Certification in Web development Internship from Internpe. | [Certificate](#)

- Implemented responsive frontend solutions with HTML5, CSS3, and JavaScript, ensuring cross-browser compatibility.