

# Balasaheb Patil

Bangalore, India

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To leverage my technical knowledge and problem-solving skills as an MCA graduate to contribute to innovative projects in the IT field. Seeking an opportunity in a dynamic organization to apply my expertise, enhance my skills, and achieve professional growth while delivering impactful solutions.

## SKILLS

- Java
- Python
- SQL
- HTML
- CSS
- JavaScript
- Data Analytics
- Operating System

## INTERNSHIP

**Intern at Infynow Software Solutions Pvt. Ltd.**

**March 2022 – May 2022**

Role- Web Developer

*Belagavi, Karnataka*

- Successfully contributed to the development, testing, and deployment of web applications during a three-month internship.
- Utilized Python programming and web technologies to build and optimize application functionalities.
- Gained practical experience in full-stack development and project management.
- Delivered solutions aligned with project requirements within stipulated deadlines.

**Intern at Princeton Smart Engineers**

**Oct 2023 – Dec 2023**

Role- Data Analyst

*Bangalore, Karnataka*

- Enhanced analytical and problem-solving skills in data analytics through practical, hands-on experience.
- Achieved a Grade "A" for outstanding performance during the internship.
- Participated in a training program conducted under an ISO 9001:2015-certified framework, ensuring adherence to high-quality learning and professional standard

## PROJECTS

### Image Denoising Using Machine Learning Techniques

- Designed and implemented advanced image denoising techniques to improve the quality of satellite and frequency images.
- Applied cutting-edge algorithms and deep learning models to reduce noise while retaining critical image details.
- Enhanced the accuracy of data interpretation for remote sensing and imaging applications.
- Demonstrated expertise in image processing, algorithm development, and deep learning frameworks.

### Analyzing the data on electric vehicle population

- Analyzed electric vehicle datasets to uncover trends in adoption, market growth, and regional distribution.
- Applied data cleaning, visualization, and predictive analytics to forecast demand and assess infrastructure needs.
- Delivered insights to support sustainable transportation planning.

### Smart Plug

- Developed an IoT-enabled smart plug with Bluetooth module integration for local wireless connectivity.
- Designed and programmed features for remote device control, real-time energy monitoring, and scheduling via a mobile application.
- Focused on improving energy efficiency and enhancing user convenience in home automation systems.

### Training and Placement Cell Management

- Designed and developed a system to streamline training and placement cell operations.
- Implemented modules for managing student records, company profiles, job postings, and placement activities.
- Integrated features including real-time notifications, automated scheduling, and report generation.
- Utilized database management, user interface design, and full-stack development to ensure scalability and user-friendliness.

## EDUCATION

**Bangalore Institute of Technology, Bengaluru**

**2022-2024**

*Master of Computer Application (MCA) CGPA-8.91*

*Bangalore, Karnataka*

**KLE Society's BK BCA College, Chikodi**

**2019-2022**

*Bachelor of Computer Application (BCA) CGPA-8.78*

*Chikodi, Karnataka*