

# PRAVEEN NARAYAN HEGDE

Sapthagiri College of Engineering

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in [Linkedin](#)

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## EXPERIENCE

### Software Engineering Intern

[Alnitek Solutions](#)

📅 Aug 2023 - Oct 2023

📍 Bangalore, India

- **Conversational ChatBot:** Developed a bot that can read and understand questions from users and answer them correctly and effectively in a prominent manner. By using **Natural Language Processing(NLP)** and Python with NLTK and Core NLP modules this is achieved.
- **Detecting Email Spamming:** Built a **Spam Detector** that classify the texts as Spam or Ham. This implies that Spam detection is a case of an Email Classification problem using Tensorflow and Python.
- Examined the **PhoneBook Directory** project, including all CRED functionalities and filtering capabilities.
- Enhanced the search functionality using the Binary Search algorithm to swiftly retrieve the desired data.
- **Tech Stack:** Python, Numpy, Machine Learning, pandas, streamlit, NLP, NLTK, Algorithms.

### Trainee Intern

[EY-GLOBAL](#)

📅 Aug 2022 - Oct 2022

📍 Bangalore, India

- **Agriculture Yield Visualization:** Constructed a **Power BI dashboard** to visualize crop yields across various regions of the country, handling extensive data processing.
- **Car Sales Analysis:** Crafted a **Power BI dashboard** to analyze car sales, offering filters for Company, power, price, torque, horsepower, rating, and other relevant criteria.
- **Airport Authority Data Analysis:** Visualised a **Power BI dashboard** to enable data scientists to convert intricate statistics into comprehensible and interactive illustrations.
- **Tech Stack:** Python, Power BI.

## TECHNICAL/SOFT SKILLS

- **Languages:** Python, C++, JavaScript, SQL, Shell Scripting
- **Technologies:** UI/UX designs, Web (HTML, CSS, Javascript), Bootstrap, Django, REST API
- **Tools:** figma, spline,Power BI, Git
- **Databases:** MySQL, PostgreSQL, Azure(Cloud)
- **Core Subjects:** DSA, DBMS, OOPS, CN, OS.
- **Soft Skills:** Content Writing (web, blog, creative), Communication.

## CERTIFICATIONS

- **Web Development:** [Web Development - Complete Guide](#)
- **Data Analytics:** [Big Data - Essential Training](#)

## EDUCATION

### B.E. (Information Science & Engineering)

Sapthagiri College of Engineering

8.52 CGPA

📅 2020 - 2024

📍 Bangalore, Karnataka, India

### P.U (PCMB)

M.E.S PU College, Sirsi

86.0%

📅 2018 - 2020

📍 Sirsi, Karnataka, India

## PROJECTS

### AGRIFORLIFE - An Irrigation Suggesting Platform

[GitHub](#)

**Tech Stack:** Python, Django, PostgreSQL, JavaScript, CSS3, HTML5.

- Streamlined product information through the creation of a comprehensive database containing detailed specifications and irrigation details.
- Designed a web application with an **API** to retrieve data and integrated user authentication using **Django Authentication**.
- Optimized web application performance, achieving a **load time of very less** and enhancing overall functionalities of the website.

### Bone Fracture Prediction Using Machine Learning Image Processing

[GitHub](#)

**Tech Stack:** : Python, YOLOv8, CNN, Streamlit, Machine Learning.

- Created a sophisticated application with the ability to precisely interpret and respond to inputs, specifically **X-Ray images**
- Integrated **CNN** and **YOLOv8** algorithms to detect bone fractures, anomalies, metallic objects, and segmental effects.
- Designed a user-friendly interface using **Python's tkinter library**, ensuring intuitive interaction and rapid access to information.

### Rent!t - A Car Rental Web UI Design

**Tech Stack:** Figma, Wireframings

- Engineered a **Car Rental** platform design with multifunctionalities, UI design, and UX experience. Which enhances the platform's interface for customers with high accuracy.
- Utilized **high-end wireframings** to deliver precise and real-time designs for the project.

## ACHIEVEMENTS

- Secured 2nd and 1st Rank in College Monthly Coding Contest for the consecutive 3 months.
- Solved **100+ Coding Problems** on HackerRank.
- Achieved **5 star** on **HackerRank** in **Python** Coding.
- Dedicated Student **Placement Coordinator**, establishing connections with industry partners.
- Participated in National Level Hackathons.