

# P Bhuvan Kambley

📍 Bengaluru Karnataka

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## Education

### National Institute of Engineering

BE in Computer Science and Engineering

Mysuru, India

Dec 2021 – present

- **GPA:** 8.14/10
- **Coursework:** Data Structures, Design and analysis of Algorithms, Computer Architecture, Database Systems, Operating Systems, Software Engineering, Computer Networks.

## Technologies

**Programming Languages:** Python, C++, C, SQL, HTML, CSS

**Databases:** MySQL, SQL Lite, MongoDB, Firebase Firestore, PostgreSQL

**Frameworks and Tools:** Django, Rest Api, Streamlit, GIT, Flutter, Postman, Snowflake, Youtrack, Docker, Anaconda

**Cloud Technology:** AWS, Google Cloud Platform

## Experience

### Dotch Endeavours

Machine Learning Intern

Mysuru

Oct 2023 – Nov 2023

- Developed a **Parkinson's Disease Prediction** algorithm using Python and leveraged libraries such as **NumPy**, **Pandas**, and **Matplotlib** for data analysis and visualization.
- Supported departmental needs while acquiring foundational knowledge in **Scikit-learn** framework for machine learning tasks.
- Used version control (Git) for code management and collaborated using GitHub.

## Projects

### Blood Group Prediction from Fingerprint Images | *PyTorch, CNN, REST API, Docker, Streamlit* [github.com](#)

- Developed a **deep learning model using CNN in PyTorch** to predict blood groups from fingerprint images with high accuracy.
- Designed and deployed a **RESTful API backend** for model inference and a **Streamlit-based frontend** for user interaction .
- Implemented **Docker containerization** for seamless deployment and scalability

### Sahaya | *Flutter, Firebase, and OpenAI API*

[github.com](#)

- Solution for Google GDSC 2024 addressing UN sustainable goals with features for education, poverty, and hunger, received positive feedback from over 20 people and google.
- Implemented features to support sustainable cities, no poverty, quality education, and zero hunger
- Integrated cloud services and Authentication to enhance app capabilities.

### Invoice Management System | *Django, MySQL, HTML, CSS*

[github.com](#)

- Developed a full stack web application using Django and MySQL to handle CRUD operations efficiently.
- Implemented CRUD operations to streamline invoice processing and database management.
- Built a responsive front-end with HTML and CSS, ensuring an intuitive user experience.

### StockForge | *Django, PostgreSQL, Aiven, Docker*

[github.com](#)

- A professional-grade inventory management system for manufacturing enterprises.
- StockForge provides comprehensive control over multi-component production workflows, from raw material procurement to finished goods deployment
- Features include Component-to-Product Traceability, BOM management, and enterprise-grade reporting.

## Awards

**Runner-up in National Level Hackathon-2024** At PES College, Mandya, competing among 70 teams, we designed the **Groupie** app, which featured real-time chat for doubt solving, file sharing, and a scheduling calendar. This innovation led us to secure the runner-up position