# SUNIL KUMAR

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## SUMMARY

Enthusiastic fresher with expertise in Core Java, Spring Boot, and front-end technologies, eager to contribute to developing efficient and scalable software solutions as part of a dynamic development team. With a strong foundation in coding and a passion for creating innovative software solutions, I am excited to contribute to a dynamic development team With a passion for creating innovative software solutions, explore my projects at https://sunilvk19.github.io/MyPortfolio/.

## EDUCATION

- **JSS College of Arts, Commerce and Science (Autonomous) (Mysore University)., Ooty Road, Mysuru.** Master of Computer Application (MCA) (6.29CGPA)  —  **Mar 2022 - July 2024**

- **Royal Degree (Gulbarga University) College, Bidar.** Bachelor of Science (Computer Science)(72%)  —  **Jun 2018 - Oct 2021**

## TECHNICAL SKILLS

- **Programming Languages**: Core Java, Python (Basic).
- **Backend Technologies:** Spring Boot, Hibernate, JDBC, REST APIs.
- **Databases**: MySQL, SQL.
- **Front-End Technologies**: HTML, CSS, JavaScript.
- **Tools & Platforms**: Git, GitHub, Postman (API testing), Eclipse, IntelliJ IDEA.

## PROJECTS

### Blood Sample Management System.

- **Technology Stack**: Java, Spring Boot, Hibernate, MySQL, REST APIs, Lombok Library.
- Designed and developed a Blood Sample Management System to efficiently handle blood donation requests, donor details, hospital requests, and blood bank transactions.
- we can send a request to new user for donate blood
- This project showcases expertise in Spring Boot, Hibernate, MySQL, and API development, with a focus on database design, entity mapping, and backend logic for healthcare management Lombok is a Java library that helps reduce boilerplate code like getters, setters, constructors, toString(), equals(), etc., by using simple annotations..
- Security use spring security to protect the user and admin details and login and signup.

### Bird Species Identification from Image Processing Machine Learning

- **Technology Stack:** Python, HTML, CSS, JS
- Bird identification is a difficult undertaking that frequently results in ambiguous labelling. In this we use the CNN algorithm for image processing
- Even skilled bird watchers dispute on the species of a bird when presented with an image of one. We confidently utilize HTML, CSS, and JavaScript for the front end, while leveraging Python to train our data effectively.
- In this project not only image detecting also we can detect bird species on there voice. But in this project image process only we used to detect the species.
- In this projects we train machine for detecting the bird when we upload the images only cleared images not blur images

## COURSES AND CERTIFICATION

- **Java Full-Stack Web Development** - J Spider
  - Learned Core Java, SQL, Spring Boot, Hibernate, HTML, CSS, JavaScript.
  - Developed end-to-end web applications with database connectivity.