



# Omkargouda S Police Patil

Bachelor of Engineering  
Computer Science and Engineering  
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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.E.	KLE Technological University, Hubballi	9.43 (Current)	2021-2025
Class 12	Aryabhata College of Science,Dharwad	100%	2021
Class 10	Sri Vishwanath Nagathan English Medium High School, Dharwad	97.28%	2019

## TECHNICAL SKILLS

- **Programming:** C/C++, HTML, CSS, Javascript, Java(Basics), Python(Basics)
- **Frameworks:** Reactjs, Springboot
- **Database:** MySQL, MongoDB

## PROJECTS

- **Farmer Welfare Department Database Management System**  
*A Database management system to facilitate the renting of agricultural machines and equipment* Github
  - Designed a **relational database schema** incorporating entities such as Grampanchayats, Villages, Wards, Farmers, Machines, and Billing systems
  - Established unique identifiers and attributes for each entity to ensure data integrity
  - Assigned relationships between entities to reflect the real-world hierarchy of Grampanchayats, villages, and wards.
  - Developed **SQL** Queries to fetch data for numerous use cases.
- **Hospital Management System**  
*Comprehensive system for managing hospital staff, patients, and administrative tasks using **OOP*** Github
  - Identified the classes needed and established the relationships between them after defining the data members and functions.
  - Applied **Singleton Design Pattern** to make sure there is only one object created of ‘Admin’ class.
  - Developed an **Observer Design pattern**-based notification system for real-time updates between hospital staff and administrative units.
  - Handled runtime errors using **try-catch** block.
- **Community Cares: Rallying Support, Changing Lives**  
*An intuitive web-based application for charity and fundraising to provide quality education* Github
  - The platform lets users view their profiles, browse campaign details, and share campaigns via WhatsApp.
  - Also developed an admin interface where admin can accept or reject the campaign and can also view the overall statistics.
  - Users will be notified through email whenever the campaign is accepted/rejected.
  - Tech Stack used: **React, MongoDB, SpringBoot.**

## ACHIEVEMENTS

- Solved more than **500** problems on **Geeks For Geeks**, Institute rank **7 out of 2603** candidates.
- **5 star** coder in **C++**, **Problem solving** and **Java** on **Hacker Rank**
- **7th** Rank in college coding competition out of **240+** held for third years
- Published a research paper titled “**A Multiclass Classifier for Lung Cancer Diagnosis Using Resnet50**” in AMATHE 2024 conference

## CERTIFICATIONS

Certificates	Certifying Authority
SQL Intermediate	HackerRank
Problem Solving Intermediate	HackerRank
Java Basic	HackerRank
Python Basic	HackerRank
Networking Basics	Juniper Networks