



Shivani Hiremath

Bachelor of Engineering
Computer Science Engineering
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GitHub
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EDUCATION

- KLE Technological University, Hubballi** 2026
B.E. in Computer Science Engineering CGPA: 8.79
- Base PU College, Hubballi** 2020
Pre University, Karnataka School Examination and Assessment Board Score: 92.50%
- Parivarthan Gurukul Heritage, Hubballi** 2020
Class 10, Indian Certificate of Secondary Education Score: 95.00%

EXPERIENCE

- Samsung R&D Institute India (SRI-B)** November 2024 - Present
Project Intern Remote
 - Building a **Multi-Keyword Spotting (KWS)** system using **Residual Vector Quantization (RVQ)**.
 - Integrated Residual Vector Quantization (RVQ) into **BC-ResNet** architecture and trained the model on the **Google Speech Commands** dataset, achieving **96.23%** accuracy.

PROJECTS

- TrackMyClass**
Web Development
 - Built a **MERN stack** web application with role-based authentication (Admin/Student) using **JWT** and **bcrypt**.
 - Implemented batch-wise student management where admins can assign students, schedule tests, upload marks, and update fee status, which will be reflected on respective student's dashboard.
- Food Court Management System**
Object-Oriented Programming in C++
 - Developed a food court management system using **Object-Oriented Programming (OOP)** principles in C++ ensured reliability using **exception handling** and optimized memory management with **smart pointers**.
 - Implemented 4 design patterns (**Singleton**, **Factory Method**, **Template Method**, **Facade**) to reduce code redundancy.

SKILLS

- Languages:** C, C++, Python
- Web Technologies:** HTML, CSS, Javascript, React.js, Node.js, Express.js, MongoDB
- Databases:** SQL
- Development Tools:** Github, Postman
- Soft Skills:** Teamwork, Resilience, Leadership, Public Speaking, Event Organization.

POSITIONS OF RESPONSIBILITY

- Core Member, CodeClub** July 2024 - Present
Organized unique events like **CODEXHUNT**, an event combining **problem-solving, coding, and teamwork**.
- Vice President Education, ME4U International Public Speaking Club** March 2024 - January 2025
Organized meeting weekly to improve our **communication and leadership skills**.

ACHIEVEMENTS

- Part of **BitHunt Finale** conducted by **IIT Dharwad**. December 2025
- Ranked 4th** in CodeWars, an intercollegiate coding contest organized by CodeClub. November 2024
- Ranked 7th** in an inter-departmental coding contest by KLE Technological University. December 2023

CODING PLATFORMS

- LeetCode
- CodeChef
- GeeksForGeeks