

HARSHAD R

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CAREER OBJECTIVE

Detail-oriented second-year Computer Science Engineering student seeking a general IT internship to apply programming, database, and problem-solving skills in a professional environment while gaining real-world exposure to software development and IT systems.

PROFESSIONAL SUMMARY

- B.E CSE student with strong fundamentals in programming and databases
- Hands-on experience through academic and mini-projects
- Quick learner with interest in real-world IT applications
- Strong teamwork, communication, and analytical skills

EDUCATION

- Bachelor of Engineering (B.E) – Computer Science and Engineering
K. Ramakrishnan College of Technology 2024 – Present
CGPA: 7.65
- Senior Secondary (XII) – CBSE
SAV Balakrishna Senior Secondary School 2023 – 2024
Percentage: 80%
- Secondary (X) – CBSE
SAV Balakrishna Senior Secondary School 2021 – 2022
Percentage: 77.8%

TECHNICAL SKILLS

- Programming Languages: Python (basic), Java (basic), C (basic)
- Database: MySQL
- Web Basics: HTML, CSS
- Tools: VS Code, Github (basic)
- Concepts: Data Structures (basic), OOPS (basic), DBMS fundamentals

SOFT SKILLS

- Problem-solving
- Team collaboration
- Adaptability
- Time management

PROJECTS

Project-3 : Student Attendance Monitoring & Alert System (*Java, Java NIO*)

- Developed a console-based Java application to manage student attendance and calculate real-time attendance percentages.
- Implemented an automated alert mechanism to identify students with attendance below the 75% threshold for timely intervention.
- Utilized Java Streams API to efficiently filter, sort, and process student records.
- Applied Java NIO for persistent file handling and generation of attendance summary reports.

Project-2 : Workforce Management System (*C, Data Structures, Pointers*)

- Developed a console-based workforce management application in C to automate employee administration tasks.
- Designed structured data models using nested structs to manage employee profiles, shift schedules, task assignments, and weekly attendance.
- Implemented core modules including shift assignment, multi-task delegation, attendance tracking, and performance score calculation.
- Generated formatted individual employee reports for management review.
- Utilized pointers extensively to enable efficient memory usage and data manipulation across functions.

Project-1 : Hospital Management System (*Python, MySQL*)

Developed a CLI-based Hospital Management System to automate administrative and patient management operations.

- Designed and integrated a MySQL relational database to manage patient records, staff details (doctors and nurses), room allocation, and billing information.
- Implemented core modules including appointment scheduling, billing, laboratory test reporting, and staff management.
- Built secure authentication functionality (Sign Up / Sign In) to control administrative access.
- Utilized the Tabulate library to present database query results in a structured and readable format.

Achievement

- Successfully completed the NPTEL online certification course on “Enhancing Soft Skills and Personality” with an Elite certificate
- Successfully completed the NPTEL online certification course on “Soft Skill Development” with an Elite certificate
- Successfully completed the **HackerRank Skills Certification on “Java (Basics)”**.
- Successfully completed the **Simplilearn certification course on “HTML Basics”**, issued on **31st January 2026**.
- Successfully completed the **Microsoft Learn module on “Describe the Concepts of Cybersecurity”**, conducted on **4th September 2025**.
- Successfully completed the **Microsoft Learnathon 25 course on “Learn AI and Gen AI Basics”**, conducted on **21st September 2025**.
- Participated in an **Industrial Visit at Spectrum Softtech Solutions Pvt. Ltd., Kochi**, Kerala’s first private-sector IT Park, organized by **K. Ramakrishnan College of Technology** as part of the academic curriculum on **30th August 2025**.
- Successfully completed the **HackerRank Skills Certification on “Python (Basics)”**.
- Successfully completed the **HackerRank Skills Certification on “MySQL (Basics)”**.