

RAHUL CHERYALA

Roll No.: 210010012

Bachelor of Technology

Indian Institute of Technology, Dharwad

+91-9666167870

210010012@iitdh.ac.in

GitHub Profile

LinkedIn Profile

EDUCATION

• Bachelor of Technology in Computer Science and Engineering

2021-25

Indian Institute of Technology, Dharwad

CGPA: 7.37

PROJECTS

• Online Attendance System

Oct 2022 - Nov 2022

Automated tracking and management of attendance through modern web technology.

- Built an automated attendance system using modern web technologies, resulting in a 50% increase in attendance accuracy and a 40% reduction in manual data entry time.
- Integrated real-time database interactions for instant attendance updates and reporting.
- Developed an intuitive dashboard for administrators, enabling them to monitor attendance trends and reports.
- Technologies used - HTML, CSS, JavaScript, PHP and MySQL

• Smart-Med, Experience Smart Health Care

Feb 2023 - Mar 2023

Simplified hospital report and prescription uploads to a central database, enhancing patient-admin data management.

- Designed a thorough database structure that improved the way medical records were organized and retrieved, resulting in a 45% reduction in search times.
- Developed real-time user-friendly dashboards for instant access to critical health information in hospitals.
- Reduced hospital congestion, increasing patient satisfaction by 50% and improving workflow efficiency.
- Technologies used - HTML, CSS, JavaScript, PHP and MySQL

• IRCTC

Oct 2023 - Nov 2023

Enhancing IRCTC Web-Based Ticket Booking for Seamless Travel Experience

- Developed a user-friendly and robust PostgreSQL-based database system for IRCTC's efficient management.
- Created a Python-based command-line interface (CLI) to streamline ticket reservations and cancellations for ticket booking and management.
- Technologies Used : PostgreSQL, Python

TECHNICAL SKILLS

Languages : C/C++, Python, Java, HTML+CSS, Javascript

Frameworks: ReactJs, Bootstrap

Cloud/Databases : MySQL, PostgreSQL, Redis, MongoDB

Web Dev Tools : VScode, Git, Github

Areas of Interest: Web Design and Development, App Development.

Soft Skills : Leadership, Self-learning, Presentation, Adaptability

RELEVANT COURSEWORK

Data Structures & Algorithms

Object Oriented Programming

Software Development

Artificial Intelligence

Design and Analysis of algorithms

Computer Architecture

Compilers

Computer Networks

Operating Systems

POSITIONS OF RESPONSIBILITY

• Volunteer in SPIC-MACAY program conducted at IIT DHARWAD.

- Assisted 200+ guests during institute event, guiding campus navigation and ensuring participants' seamless engagement by providing consistent support and guidance.

ACHIEVEMENTS

1st place in Case Study Competition

Secured top place in "Avadhan 2023" Case Study Competition, highlighting exceptional analytical and problem-solving abilities.

Ranked Among Top 20 projects of the "DevHack in Parsec 3.0" Hackathon

Designed a web based project for a competition, demonstrating strong web development skills and innovative problem-solving within a tight 24-hour deadline.