

RAHUL CHERYALA

Roll No.: 210010012

Bachelor of Technology

Indian Institute of Technology, Dharwad

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GitHub Profile

LinkedIn Profile

EDUCATION

• Bachelor of Technology in Computer Science and Engineering

2021-25

Indian Institute of Technology, Dharwad

CGPA: 7.5

PROJECTS

• IUHD, IITDh Unified HelpDesk

Feb 2024 - Mar 2024

IUHD is a centralised platform for streamlined work requests and feedback at IIT Dharwad.

- Efficiently directed work requests and feedback through IUHD at the Indian Institute of Technology Dharwad.
- Implemented a centralized platform that reduced response time and increased collaboration efficiency within the IIT Dharwad community, addressing concerns such as food, water, and hostel-related issues.
- Contributed to the swift resolution of concerns by facilitating seamless coordination and management of work requests within IUHD, resulting in reduced resolution time and improved user satisfaction.
- Technologies used: MongoDB, Express.js, React.js, Node.js, TailwindCSS.

• 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

• Online Attendance System

Oct 2022 - Nov 2022

Automated tracking and management of attendance through modern web technology.

- Implemented an automated attendance system using modern web technologies, enhancing attendance accuracy and reducing manual data entry time.
- Integrated real-time database interactions for immediate attendance updates and reporting.
- Created an intuitive dashboard for administrators, facilitating monitoring of attendance trends and reports.
- Technologies used - HTML, CSS, JavaScript, PHP, and MySQL.

TECHNICAL SKILLS

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

Frameworks/Libraries : Express.js, React.js, Node.js, Bootstrap, Tailwind CSS

Cloud/Databases : MongoDB, PostgreSQL, MySQL, Redis

Web Dev Tools : Git, Github, VScode

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

Ranked Among Top 10 projects of the 'DevHack 5.0' Hackathon for Parsec 4.0

Designed and developed a web-based project during a 24-hour hackathon, showcasing proficiency in web development and innovative problem-solving.

1st place in Business Case Study Competition

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