Rakesh S

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EDUCATION

PES COLLEGE OF ENGINEERING
Information Science and Engg
June 2025 | Mandya, Karnataka
CGPA: 7.96 / 10.0

NISARGA INDEPENDENT PU COLLEGE
Pre-University Course
July 2021 | Kollegal, Karnataka
Percentage: 90.16 / 100

JNV HONDARABALU
Secondary School
May 2019 | Chamarajnagar
Percentage: 83.6 / 100

LINKS

Github: **Rakeshappu**
LinkedIn: **rakesh2628**
Portfolio: **rakeshs.me**
HackerRank: **appussrh**

COURSEWORK

UNDER-GRADUATE
C Programming
Data Structures and Algorithms
Database Management System
Operating Systems
Computer Networks

SKILLS

PROGRAMMING
C • HTML • CSS
Basics of Javascript

DATABASES
MySQL

TOOLS
GitHub • VSCode • MS Office
Jupyter Notebook

LANGUAGES

English • Kannada • Hindi

PROJECTS

RESOURCE SHARING PLATFORM | Mern, Typescript
In Progress | Major-Project | Project Link

- Developed a full-stack educational platform using React, TypeScript, and Node.js, enabling seamless resource sharing between faculty and students.
- Implemented secure role-based authentication using JWT and OTP verification for students, faculty, and admins.
- Designed an analytics dashboard displaying real-time metrics (views, downloads, likes) to monitor resource engagement and participation.

JOB PORTAL | React, Node.js
August 2024 | Mini-Project | Project Link

- Developed a MERN stack-based job portal web application enabling recruiters to post jobs and applicants to apply for jobs.
- Implemented features for recruiters to create, update, and manage job postings, and for applicants to search, filter, and submit applications.
- Ensured secure authentication, efficient data management using MongoDB, and optimized backend operations with Node.js and Express.

CARBON FOOTPRINT CALCULATOR | Html, Css, Django
January 2024 | Infothon | Project Link

- Developed a Carbon Footprint Calculator that estimates individual carbon footprints based on user inputs like electricity usage, kilometers driven, etc.
- Contributed to the front-end using HTML, CSS and JS, while Django managed backend logic and carbon footprint calculations
- Provided actionable insights, including tree-planting equivalents and personalized carbon reduction tips, promoting environmental awareness.

CERTIFICATES   LINK

- HackerRank Problem Solving Certification   Certificate
- A-Certificate in NCC 3 Kar Naval Unit   Certificate

AWARDS

- 4 Stars - HackerRank Problem Solving
- 4 Stars - HackerRank C Language