Souparnika KV

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Seeking internship and project opportunities

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science Engineering
Rajiv Gandhi Institute of Technology (RIT), Kottayam
2023 – 2027

Higher Secondary (Plus Two)
CBSE

Secondary School (10th)
CBSE

PROJECTS

Project NamHotel Room Booking System

- Built a full-stack web application using **HTML, Flask, and MySQL**
- Tested and deployed using **Ubuntu WSL**

Exam Hall Allotment System (DBMS Project)

- Designed an automated seating system to prevent students from the same year and department sitting together
- Implemented optional random shuffling for fairness
- Focused on database schema design and SQL queries

Operating Systems Lab Programs

- Implemented **CPU scheduling algorithms**: FCFS, SJF, Priority, Round Robin in C
- Developed **memory allocation strategies**: First Fit, Best Fit, Worst Fit

SKILLS

Programming Languages: Java, C, Python
Web Technologies: HTML, CSS, React
Backend & Database: Flask, MySQL, MongoDB (basic)
Core Computer Science:
- Data Structures & Algorithms
- Operating Systems
- Database Management Systems
- Computer Networks

Tools & Platforms:
Git, GitHub, VS Code, Linux (WSL), Windows

CURRENT LEARNING INTEREST

- Full Stack Web Development
- React & Backend Integration
- Cybersecurity fundamentals

LANGUAGES

- English
- Malayalam