

Meghna Rajesh

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Education

2021 – present Varikoli, India	B.Tech in Computer Science and Engineering <i>Muthoot Institute of Technology and Science</i> <ul style="list-style-type: none">• Cumulative GPA: 8.0/10.0 (semesters 1-5)• Selected as class representative by the classmates for the semesters 5 & 6
2009 – 2021 Thiruvaniyoor, India	Secondary & Higher Secondary <i>Cochin Refineries School</i>

Projects

MineDefuser

- Overview: Created an innovative game based on "Minesweeper," integrating mini-games where players defuse mines. The project includes 4 mini-games, with scope for adding more.
- Development: Engineered a functional base model using Python within 3 months as part of the 6th semester "Mini Project" coursework.
- Leadership: Assembled and led a team of 4, coordinating tasks, managing project timelines, and fostering effective collaboration.
- Communication: Liaised with the faculty guide, ensuring clear and consistent updates. Prepared the team for presentations, enhancing presentation effectiveness and project approval rate by 30%.
- Technical Contribution: Built the Minesweeper clone and one mini-game of the 4. Integrated 4 mini-games into the main game, showcasing technical expertise and problem-solving skills.
- Documentation: Authored the final project report within 24 hours during exam season, demonstrating strong writing skills and the ability to work under pressure.

Library Management System

- Overview: Designed and developed a Library Management System as part of the class 12 final project, facilitating efficient book inventory and user data management.
- Technical Stack: Utilized Python for the front end and MySQL for the back end, ensuring robust and user-friendly application development. The back end includes 2 tables; one for the book details, and the other for the user details
- Leadership: Led a team of 4, delegating tasks, balancing workload distribution, and ensuring timely project completion.
- Integration and Testing: Supervised module integration, conducted rigorous testing, and debugged the system to ensure reliability and performance.
- Documentation: Compiled and wrote the final project report, detailing the development process, challenges, and solutions.

Skills

Programming Languages

Proficient in C and Python, amateur in Java and HTML

Database Management

Skilled in MySQL, experienced in designing and managing databases

General Skills

Strong written English for effective communication.
Excellent problem-solving abilities and proven team collaboration skills

Languages

English
Fluent

Malayalam
Native speaker

Hindi
Communicative level