LAKSHYA PRABHAKAR

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TECHNICAL SKILLS

Languages: C++, Python, **Java**, **JavaScript**
Databases: MySQL, MongoDB
Tools and Frameworks: **ReactJS**, Git, Docker, **NodeJS**, Express
Technical Skills: **Problem Solving, Data Structures and Algorithms (DSA), System Design, OOPS**, OS

PROJECT WORK

- **ECHOES (SNS WEB APP) |** (ReactJS, Tailwind, MongoDB, NodeJS)   **[Live Link]**
  o Developed a full-stack MERN-based social media platform. Implementing the **MVC architecture**
  o Implemented **authentication & JWT token authorization** for secure user management.
  o Optimized database queries using **indexing, reducing query times and improving scalability for handling large datasets by up to 70%**, while simulating **real-time responsiveness**
  o Enhanced **API efficiency by implementing pagination, improving response times and reducing server load** in larger dataset.

- **RENTLY |** (ReactJS, Bootstrap, MongoDB, NodeJS)   **[Live Link]**
  o Developed a full-stack MERN application focused on property listing and rental management.
  o Designed and **implemented RESTful APIs to handle end-to-end CRUD operations** for properties and user data.
  o Integrated secure**, session-based authorization** and access control to protect sensitive user actions.
  o Structured backend logic using the **MVC pattern** to enhance code maintainability and scalability.
  o Ensured consistent **data validation and error handling** across all backend services.

EXPERIENCE

Machine learning and GEN AI Summer Internship: (Link)   AUGUST 2024
AI-SHALLA
- **Machine learning concepts:** learned and implemented machine learning concepts
- **Generative artificial intelligence:** Learned GenAI concepts, developed chatbots, and created the QuizzBot project. And Ranked among the top performers.

EDUCATION

B. Tech in Information Technology, Maharaja Surajmal Institute of Technology, GGSIPU (2022-26)   CGPA: **7.92**

12th Grade (PCM), St. Cecilia's Public School, 2021   PERCENTAGE: **96.6%**

10th Grade, St. Cecilia's Public School, 2019   PERCENTAGE: **96.8%**

ACHIEVEMENTS

- Top Ranker in Machine Learning and Generational AI summer training
- Solved 350+ DSA problems on **LEETCODE**
- Scored **92%** in **Object Oriented Programming Skills**
- 900+ rating on CodeForces