

ROMESH TRIPATHI

@romeshktrpathi@gmail.com [639-607-8797](tel:639-607-8797) [Mathura-281004, UP](https://www.mathura-281004.in)
[in linkedin.com/romesh-tripathi](https://www.linkedin.com/romesh-tripathi) github.com/RomeshKTripathi leetcode.com/romeshtrpathi

Education

Dr. APJ Abdul Kalam Technical University, Lucknow
Masters in Computer Applications | 78 %

Oct 2021 - Sept 2023
Mathura, Uttar Pradesh

Dr. Bhimrao Ambedkar University, Agra
Bachelors in Computer Applications | 76 %

Oct 2018 - Sept 2021
Mathura, Uttar Pradesh

Technical Skills

Frontend: React, Redux, Tailwind CSS, HTML/CSS

Backend: Node.js, Express.js, REST APIs, Microservices Architecture

Programming Languages: C/C++, Java, JavaScript.

Databases: MySQL, MongoDB

Developer Tools: Git & GitHub, VS Code, Postman

Projects

Backend of Video Streaming System
Node.js, Express.js, MongoDB, REST

[View on Github](#)

- Developed backend for an API-driven video streaming platform using Node.js and Express.js.
- Utilized cloud storage solutions to manage video files efficiently and ensure scalability of the platform.
- Implemented secure user authentication and authorization mechanisms using JWT (JSON Web Tokens).
- Leveraged MongoDB for scalable data storage and designed aggregation pipelines for optimized data retrieval.
- Handled API requests, integrated middleware, and created user sessions to enhance platform functionality.
- Gained expertise in request handling, REST API design, and database architecture for efficient backend development.

Open BOX

ReactJS, JavaScript, tailwind CSS, Appwrite

[View on Github](#)

[View Live](#)

- Enabled users to effortlessly create content through a dedicated platform, facilitating article creation.
- Empowered users with an intuitive interface for seamless sharing of articles.
- Integrated a built-in GUI editor enabling formatted article creation with image inclusion.
- Leveraged Appwrite for a robust backend infrastructure, enhancing platform reliability by 30%.
- Implemented secure authentication mechanisms, enabling over 1,000 users to manage their content securely and efficiently.

Bank Management System

Java SE

[View on Github](#)

- Developed a standalone command-line interface (CUI) bank application using Java SE.
- Created distinct login interfaces for users and branch administrators, implementing secure authentication to ensure only valid credentials can access the system.
- Centralized data storage within the application, maintaining complete and accurate transactional histories for each account.
- Provided branch administrators with functionalities to efficiently manage and view data for all associated accounts.
- Ensured the integrity and security of data throughout the application.

Workshops & Certifications

- Attended Python workshop organized by **ducat**, learned about data cleaning, data processing and visualization of data
- Web Development workshop organized by AppTech, learned about web designing & development
- [Responsive Web Design](#)
- [Problem-Solving from Hackerrank](#)
- [SQL Certificate, Hackerrank](#)