

# ROMESH KUMAR TRIPATHI

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## Education

Master's in Computer Application

Dr APJ Abdul Kalam Technical University

Sept 2021 to Sept 2023 78%

Bachelor of Computer Application

Dr Bhimrao Ambedkar University, Agra

Aug 2018 to Aug 2021 76%

## Skills

### Programming Languages

Java, JavaScript, C/C++, Python

### Technologies & Frameworks

React.js, tailwind CSS, Node.js, HTML & CSS, Bootstrap, Java Spring Boot

### Database Management

MySQL, MongoDB

### Developer Tools

Git & GitHub, VS Code, Postman, XAMPP

### Others

API Integration, JWT, Cybersecurity, System Administration, REST API

## Workshops & Certification

Workshop on Python & Data Science

Organized by Ducat Noida 2022

Web Development with PHP

By App Tech 2021

Certification of Responsive Web Design

By Free Code Camp

Certification of Problem Solving

By Hacker rank

Certification of SQL

By Hacker rank

## Achievements

Solved 300+ Questions on Leetcode

Solved 280+ Questions on GFG

Completed Full Stack Development MERN

## Projects

1

### Backend of Video Streaming Platform

#### Description

[View on Github](#)

- Developed backend for an API-driven video streaming platform using Node.js.
- Utilized cloud storage for efficient file management.
- Implemented secure authentication with JWT.
- Leveraged MongoDB for data storage.
- Designed aggregation pipelines to optimize data retrieval and manipulation.

#### Technologies Used

Node.js, Express.js, MongoDB

#### Learnings

Request Handling, Aggregation Pipelines, JWT, cloud services, REST API, Middleware, DB Designing, Authentication, Session Creation

2

### Bank Management Software

[View on Github](#)

#### Description

- Java SE command-line bank app managing 1000+ transactions.
- Engineered secure login for users and administrators.
- Centralized data storage for 100% accounts.
- Provided tools for branch admin account oversight.
- Implemented rigorous data integrity and security measures.

#### Learnings

System Design, Data Management, File Handling, Serialization of Objects

3

### OpenBOX

[View on Github](#)

#### Description

- Enabled effortless content creation through a dedicated platform.
- Integrated a GUI editor for formatted articles with images.
- Enhanced platform reliability by 30% using Appwrite.
- Capacity of Secured content management for over 1,000 users with robust authentication.

#### Technologies Used

React.js, Tailwind CSS, HTML, Appwrite

4

### C++ ATM Project

[View on Github](#)

5

### Spotify UI Clone

[View on Github](#)

6

### Modern Bank App UI

[View on Github](#)

7

### Pong Game Python

[View on Github](#)