

Arpit Shukla

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EDUCATION

AJAY KUMAR GARG ENGINEERING COLLEGE (AKTU)

Master of computer
applications (MCA)

Sept 2024 - Present

Delhi-NCR (Ghaziabad)

UNIVERSITY OF LUCKNOW

Bachelor of computer
applications (BCA)

May 2024 | Lucknow, UP

Florence Nightingale College

Higher Secondary 12th

July 2020 | Lucknow, UP

Florence Nightingale College

Senior Secondary 10th

May 2018 | Lucknow, UP

COURSEWORK

UNDERGRADUATE

Object Oriented Programming

Operating Systems

Data Structures and Algorithm

Analysis and Design of Algorithm

R-DBMS

Mathematics I,II

SKILLS

Languages and Framework

- C/ C++
- React.js
- Express.js
- Node.js
- SQL
- Java
- JavaScript
- JSP
- MongoDB
- Servlet

Tools and Software

- Eclipse
- NetBeans
- VsCode
- Git , GitHub

EXPERIENCE

MERN Developer Intern

Feb 2024 - July 2024 | Analyze Infotech

Collaborated with senior developers to debug backend issues in Node.js and MongoDB, reducing API response time by 25%.

Contributed to the development of a full stack MERN application by designing reusable React components and integrating RESTful APIs.

Improved website performance by optimizing frontend state management and implementing responsive UI with Tailwind CSS, enhancing user experience by 40%.

PROJECTS

Real-time Chat Application | MERN + Socket.IO |

- Built a real-time chat platform using React, Node.js, Express, MongoDB, and Socket.IO.
- Enabled features like instant messaging, user authentication, typing indicators, and group chat support.

SITEMAP GENERATOR — AUTOMATED SEO TOOL | MERN Stack |

- Built a full-stack MERN application to automate XML sitemap creation and management with easy URL handling and metadata support.
- Improved SEO performance through auto-generated structured sitemaps, ensuring accurate indexing and higher website visibility.

SECURE FILE SHARING SYSTEM | Node.js | React | System Concepts

- Developed a secure file sharing web app with chunked upload, custom XOR encryption, and parallel upload simulation.
- Implemented metadata management, role-based access, and auto-cleanup of temp files to simulate real-world file system operations.

NotesHub — Centralized Notes Sharing Platform | MERN Stack |

- Built a web application to organize and provide access to university/college notes categorized by semester and year.
- Enabled easy search, structured categorization, and seamless access for students across multiple institutions.

ROOMIFY — ROOM RENTAL PLATFORM | MERN Stack |

- Built a full-stack room rental web platform using React, Node.js, MongoDB, and Express.
- Enabled features like room listing, searching, user authentication, and booking flow.