

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.

Live Demo -> <https://chitchatddd.netlify.app/>

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.

Live Demo -> <https://site-map-generator.vercel.app/>

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.

Live Demo -> <https://findfiles.netlify.app/>

Space Booking Platform | Next.js | Node.js | MongoDB | Stripe |

- Developed a comprehensive web application for users to discover, book, and pay for flexible spaces, featuring a dedicated admin panel for management.
- Engineered secure, role-based user authentication using JWT and bcrypt.js for password hashing, and integrated the Stripe API for seamless, real-time payment processing.

Live Demo -> <https://find-your-space-ten.vercel.app/>

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.