

# SOBIT

Lucknow, Uttar pradesh

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Linkedin



Github



HackerRank



Portfolio

## Education

### Dr. APJ Abdul Kalam Technical University

2022 – 2026

Bachelor of Technology in Computer Science Engineering (AI & ML)

Lucknow, Uttar Pradesh

## Technical Skills

**Programming Languages:** Java, JavaScript, C

**Frontend:** React.js, Redux Toolkit, HTML5, CSS3, SCSS, Tailwind CSS, EJS Templates

**Backend:** Node.js, Express.js, RESTful API Development

**Databases:** MongoDB (Mongoose)

**Developer Tools:** Rnnder, Git, GitHub, VS Code, Postman, MongoDB Compass, IntelliJ IDEA

**Core CS:** Data Structures & Algorithms, DBMS, OS, CN, OOP, Software Engineering

**Soft Skills:** Problem Solving, Team Collaboration, Technical Documentation, Ownership

## Projects

### MERN Food Ordering System | React.js, Redux Toolkit, Node.js, MongoDB, OAuth, Payment Integration, Render 2025

- Implemented session-based authentication and Google OAuth using Passport.js.
- Developed Admin Panel for managing users, orders, and menu items with role-based access.
- Built secure REST APIs using Axios with Redux Toolkit for state and cart management.
- Integrated Cloudinary for optimized media storage and secured user credentials with bcrypt + HttpOnly cookies.
- Created a responsive UI using modern React Hooks with real-time toast notifications for enhanced UX.

### Password Generator | React.js, JavaScript, TailwindCSS 2025

- Built a customizable password generator web app with real-time password creation based on user preferences (length, numbers, and special characters)
- Implemented state management using React hooks (`useState`, `useEffect`, `useCallback`, `useRef`) for dynamic and efficient UI updates
- Integrated clipboard functionality to allow one-click password copying for seamless user experience
- Designed a responsive and modern UI using TailwindCSS with accessibility-focused form controls

### Movie Character Manager | Node.js, Express.js, MongoDB, RESTful API, EJS 2025

- Developed a full-stack web application with complete CRUD functionality for managing movie character data
- Engineered RESTful APIs with Node.js and Express to handle CRUD operations, pagination, and robust routing
- Designed and integrated MongoDB database with proper schema validation for scalable data storage
- Created responsive user interface using EJS templating engine for optimal user experience
- Instituted schema validation, centralized error handling, and security controls (input sanitization, rate limiting) for production readiness

## Achievements & Certifications

### Participated in - TCS CodeVita Season 12

2024

- Achieved top 10% ranking among global participants in competitive programming contest by gaining 7215 global rank
- Solved complex algorithmic problems demonstrating Data Structures and Algorithms knowledge

### 10th Rank - C Programming Competition, Tech Buzz

2024

- Secured 10th position among 150+ participants in college-level programming competition

## Coding Platforms & Continuous Learning

- Solved 150+ LeetCode challenges, focusing on advanced Data Structures and Algorithms

- Regular contributor on GeeksforGeeks platform, strengthening competitive programming skills

- Continuous learner staying updated with latest technologies in web development and artificial intelligence

*Certificates and detailed project documentation available upon request*