

# SOBIT

Lucknow, Uttar Pradesh

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## Education

### Dr. APJ Abdul Kalam Technical University

Lucknow, Uttar Pradesh

Bachelor of Technology in Computer Science Engineering, AI and ML Specialization

2022 - 2026

## Technical Skills

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

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

**Backend:** Node.js, Express.js, REST API

**Databases:** MongoDB, Mongoose

**Tools:** Git, GitHub, VS Code, Postman, MongoDB Compass, IntelliJ IDEA, Render, Vercel

**Core CS:** Data Structures, Algorithms, DBMS, OS, Computer Networks, OOP

## Projects

### Food Ordering Application — React.js, Redux Toolkit, Node.js, MongoDB, Passport.js, Stripe, Cloudinary

2025

- Architected user authentication with Passport.js supporting Google OAuth 2.0 and session-based login
- Created Admin Panel with 5 role-based access levels for managing 200+ users, 50+ menu items, and 100+ orders
- Engineered 15+ REST API endpoints using Express.js with Axios integration and Redux Toolkit state management
- Integrated Cloudinary for media storage, Stripe for payment processing, and bcrypt with HttpOnly cookies for security
- Designed toast notifications, form validation, and responsive layout optimized for mobile, tablet, and desktop devices

### Password Generator Application — React.js, JavaScript, Tailwind CSS

2025

- Constructed password generator allowing users to customize 4 parameters: length 1-128 characters, numbers toggle, symbols toggle, uppercase toggle
- Leveraged React Hooks (useState, useEffect, useCallback, useRef) for state management and component optimization
- Configured clipboard copy functionality with success feedback using navigator.clipboard API
- Created responsive UI with Tailwind CSS, tested on 3+ device sizes with WCAG accessibility compliance

### Movie Character Manager — Node.js, Express.js, MongoDB, EJS, REST API

2025

- Implemented full-stack application with 6 CRUD endpoints: Create, Read, Update, Delete operations for character database
- Constructed REST API with Express.js handling pagination (10 records per page), sorting, and filtering on 3+ fields
- Engineered MongoDB schema with Mongoose validation for 8 fields: name, character, movie, role, year, image, and metadata
- Built EJS template engine UI with form validation for POST and PUT requests, error handling, and success messages
- Deployed input sanitization, rate limiting (60 requests per 15 minutes), and centralized error handling middleware

## Competitive Programming and Certifications

### TCS CodeVita Season 12 Global Programming Contest

2024

- Ranked 7215 globally, placing in top 10% among 50,000+ participants
- Solved 2 advanced algorithmic problems in 5-hour contest under time constraints

### C Programming Competition, Tech Buzz 2024

2024

- Ranked 10th out of 150 participants in college-level programming competition

## Coding Platforms

- Solved 150+ LeetCode problems including medium and hard difficulty levels covering Data Structures and Algorithms
- Active contributor on GeeksforGeeks platform with focus on Data Structures, Algorithms, and Competitive Programming
- Consistent learning and practice in web development technologies including MERN stack and cloud deployment