

# SOBIT

Lucknow, Uttar Pradesh

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## Education

### Dr. APJ Abdul Kalam Technical University

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

2022 – 2026

*Lucknow, Uttar Pradesh*

## Technical Skills

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

**Web Technologies:** HTML5, CSS3, JavaScript, Node.js, Express.js, RESTful API, EJS Templates

**Databases:** MongoDB, MySQL, PostgreSQL

**Frameworks & Libraries:** Bootstrap, Tailwind CSS, React.js

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

**Core Subjects:** Data Structures and Algorithms, Database Management Systems, Computer Networks, Object Oriented Programming, Software Engineering, Machine Learning, Artificial Intelligence

**Soft Skills:** Algorithmic Thinking, Team Collaboration, Project Management, Technical Documentation

## Projects

### 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 and Bootstrap for optimal user experience
- Instituted schema validation, centralized error handling, and security controls (input sanitization, rate limiting) for production readiness

### Sorting Visualizer | *HTML5, CSS3, JavaScript, Bootstrap, Data Structures*

2023-24

- Built interactive web application visualizing sorting algorithms including Bubble Sort, Selection Sort, and Insertion Sort
- Programmed optimized solutions in C, reducing execution time by 30% during timed competition
- Designed responsive user interface with customizable array generation and adjustable animation speed controls
- Integrated performance analytics displaying time complexity, comparison counts, and swap operations
- Added algorithm comparison features enabling users to analyze performance differences between sorting methods

## Experience & Training

### Summer Intern

July 2025 – August 2025

*Netcamp Solutions Pvt. Ltd.*

*Lucknow, Uttar Pradesh*

- Completed comprehensive training in Full-Stack Web Development using HTML5, CSS3, JavaScript, PHP, and MySQL
- Developed mobile applications using Android Studio, Java, and XML with hands-on project implementation
- Gained practical experience in networking concepts including DNS configuration, routing, and web hosting
- Built multiple sample projects demonstrating proficiency in both web and mobile development technologies

## Achievements & Certifications

### Global Rank 7215 - TCS CodeVita Season 12

2024

- Achieved top 10% ranking among global participants in competitive programming contest
- Solved complex algorithmic problems demonstrating advanced 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*