

# SHOURYA TYAGI

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## EDUCATION

**KIET Group Of Institutions, AKTU**

**2020 – 2024**

*Bachelor of Technology in Information Technology - CGPA - 7.2*

*Ghaziabad, Uttar Pradesh*

## PROJECTS

**ChatConnect** | React, Node.js, Express, Bootstrap, WebSockets, MongoDB

**2023**

- Developed a real-time chatting application using React.js for the frontend and Node.js with Express.js for the backend, incorporating WebSocket communication for instant messaging functionality for **25% enhancement in users engagement**.
- Leveraged MongoDB for efficient data management, integrated Bootstrap for a visually appealing UI, and collaborated on seamless integration of frontend and backend components from development to deployment.

**Bookmyevent** | React, Node.js, Express, MongoDB

**2023**

- Engineered an advanced **MERN stack-based** website for streamlined event bookings, implementing **role-based access control** for users and administrators, alongside robust password protection functionality, enhancing user experience and security.
- Architected application design, implementing **Express and Node.js** for backend development, prioritizing security with **bcryptjs and jsonwebtoken**; crafted frontend using **React and Material UI** to enhance user engagement.

**ShopEase** | HTML, CSS, Javascript

**2021 – 2022**

- Developed an innovative e-commerce solution by coding an interactive platform with HTML, CSS, and JavaScript, incorporating efficient **payment gateways**; meticulously crafted a user-centric interface inspired by Amazon.com, resulting in a 40% increase in conversion rates.

## PROFESSIONAL EXPERIENCE

**DevNest**

**Mar 2022 – Oct 2022**

*Data Structure and Algorithm Intern*

*Delhi, India*

- Achieved a top-ranking position (**11th out of 10,000 students**) in Data Structures and Algorithms (DSA) on the DevNest platform.
- Guided and mentored over **60 students**, facilitating regular doubt sessions focused on **problem-solving techniques**.
- Achieved top recognition for solving **50% more complex problems** by an individual.

## TECHNICAL SKILLS

**Languages:** C/C++, JavaScript, SQL, HTML/CSS

**Developer Tools:** VS Code, Git, GitHub, Postman, Bootstrap

**Technologies/Frameworks:** React, Node.js, Express.js, MongoDB

## CERTIFICATIONS

- Data structure and algorithm - DevNest
- Introduction to Artificial Intelligence & Natural Language processing- Infosys Springboard

## ACHIEVEMENTS

- In top 30% users on Leetcode, honoured with **Leetcode Knight Batch** [Rating **1550**]
- Awarded 5 stars** on HackerRank **Problem solving**
- Top 4** teams at Hack COG hackathon hosted by IIIT Delhi
- Solved 600+ problems** on Leetcode, GeeksforGeeks & Hackerrank

## VOLUNTEER EXPERIENCE

- Developer & mentor at **Innogeek club** with a focus on **Web Development domain**.
- Player of KIET Cricket Team**, entrusted with coordinating team strategies and fostering cohesive teamwork to enhance overall performance.