



# SHASHIKANT | 24AG10069

Indian Institute of Technology, Kharagpur

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## EDUCATION

Year	Degree/Exam	Institute	CGPA/%
2028	B.Tech, Agricultural and Food Engineering	Indian Institute of Technology, Kharagpur	7.96
2023	class XII, State Board	PB School, Surajgarh	96.20%
2021	Class X, State Board	Tagore Public School, Surajgarh	93.00%

## INTERSHIPS AND PROJECTS

### Full Stack Developer - General Championship OpenSoft 2025

Apr 2025

- Set up a powerful authorization system and build REST APIs using the Python framework FastAPI
- Developed a complete frontend for the Deloitte problem statement using React and TypeScript
- Integrated the chatbot to the FastAPI backend

### Full Stack Developer - Chemsparsh

Dec 2024

- Developed complete backend of an online test series platform called 'chemsparsh' with a modern design
- Admin panel with multi-role auth for secure test conduction and seamless test series management
- Handle high traffic on the platform for smooth and multiple test conduction at the same time and effectively
- link to the platform [chemsparsh.com](https://chemsparsh.com)

### Nible - Web Extension

Apr 2025

- Developed a multipurpose web extension with powerful algorithms using JavaScript
- Added feature of web page scraping that extracts links, images, videos, and table data from the page
- Added ad-blocking feature for basic web pages and platforms like YouTube, Spotify, etc
- Enhanced user experience by adding utilities including a sound booster and dark mode reader
- link to the project [Nible](#)

### React Native Developer – Ahoum

Jul 2025

- Developed a React Native mobile app that allows users to interact with a chatbot for emotional wellbeing
- Implemented real-time chat UI with message streaming and clean user experience
- Designed a minimal, devotional UI with Tailwind and React Native for cross-platform support
- Integrated Rest API backend (via FastAPI) to answer spiritual queries and smooth data handling

### Frontend Developer - Webdada

May 2025

- Developed a responsive event management platform frontend using React and Tailwind CSS
- Built dynamic dashboards for organizers, participants, and admins with smooth navigation
- Created interactive UI components (cards, modals, tables) for displaying event details and schedules
- Ensured responsive design and optimized rendering for a seamless user experience across devices

## SKILLS AND EXPERTISE

- Programming Languages:** JavaScript, TypeScript, Python, Golang, Node.js, C++, C, HTML, CSS, Solidity
- Framework and Libraries:** React, Vite, Django, Flask, FastAPI, Flutter, Kivy, Tailwind, Pandas, React Native
- Mobile Development:** Flutter, Kivy
- Databases:** MySQL, PostgreSQL, MongoDB, Firestore
- Tools and Platforms:** Git, Docker, Azure, Firebase, Postman, DevOps, Supabase, VS Code (IDE)

## POSITION OF RESPONSIBILITY

### Subhead | Rajasthan Cultural Association

- promoting and preserving the rich heritage and traditions of Rajasthan
- Organising and managing various cultural events that are dedicated to the Rajasthani spirit

### Senior Executive Member | KodeinKGP : Technology Web 3.0 Society (Blockchain Team)

- Part of a student-run tech society that promotes Web 3.0, Blockchain, AI, and emerging technologies
- Contributed to building decentralized applications and smart contracts addressing real-world problems

### Secretary Web | Technology Students' Gymkhana, Indian Institute of Technology Kharagpur

- Managed and maintained the Gymkhana website, ensuring responsive design and smooth navigation
- Developed both admin and user interfaces for the SOAC portal for management of societies and cells

## ACHIEVEMENTS

- Secured All India Rank 20019 in JEE Mains 2024
- Secured Category Rank 2109 in JEE Advanced 2024
- Achieve a Bronze medal in a University-level Hockey competition, Shaurya