

# BIKASH SAH

Dimapur, Nagaland, India

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## Education

**Motilal Nehru National Institute of Technology, Allahabad**

*Master of Computer Applications (MCA), CPI: 8.3*

**August 2022 – July 2025**

*Prayagraj, Uttar Pradesh, India*

**University of Calcutta**

*Bachelor of Computer Science, CPI: 7.91*

**August 2018 – July 2021**

*Kolkata, West Bengal, India*

## Technical Skills

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

**Web Development:** React.js, Node.js, Express.js, Material-UI

**Database Technologies:** PostgreSQL, MongoDB

**Tools:** Git, IPFS, Pinata, Web3.js, Postman

## Projects

**MNNIT IGNOU Study Center Application** | *React.js, Material-UI, Node.js, PostgreSQL*

**April 2024 – May 2024**

- Developed a responsive web app that streamlined student-study center communication, reducing support requests by 20%.
- Increased user engagement by 30% by implementing features like announcements, submissions, and dashboards.
- Engineered a modern, responsive UI with React.js and Material-UI, enhancing user experience, and integrated PostgreSQL for secure, scalable data storage, which will support 10,000+ concurrent users.

**GymFrick** | *React.js, Material-UI, RapidAPI*

**December 2023 – January 2024**

- Built a fitness tracking app that provides exercise information and progress tracking, boosting retention by 25%.
- Integrated RapidAPI to deliver real-time exercise data, resulting in a significant enhancement of user satisfaction scores and that will provide immediate access to fitness insights for over 1,000+ active users.
- Optimized data-fetching techniques in React.js, reducing API call latency by 15%.

**DeFi-Share: Decentralized File Share System** | *Ethereum, Solidity, IPFS*

**March 2023 – April 2023**

- Developed a blockchain-based file-sharing platform using Ethereum, Solidity, and IPFS, enhancing data security, transparency, and storage scalability.
- Implemented peer-to-peer networking for decentralized file sharing, ensuring 100% data integrity and privacy.
- Enhanced scalability by 40% through optimized smart contract deployment and cryptographic data encryption.

## Achievements

- **LeetCode:** Solved 800+ coding problems, achieving a rating of 1800+.
- **GeeksforGeeks (GFG):** Completed 500+ problems, with a rating of 1850+.
- **NIMCET Entrance Exam:** Achieved All India Rank 79 out of 50,000+ candidates (2022)
- **NSP National Scholarship:** Awarded for academic excellence during undergraduate studies (2018-2021)

## Positions of Responsibility

**CodeSangam Websters Mentor**

**October 2024 – November 2024**

*Motilal Nehru National Institute of Technology (MNNIT) Allahabad*

*Prayagraj, Uttar Pradesh, India*

- Mentored 8 teams of 3 members, providing guidance on web development best practices and project implementation.
- Offered continuous support and feedback, helping teams from project initiation to final evaluation.

**Volunteer Coordinator, Annual Tech Fest**

**October 2022 – November 2023**

*Motilal Nehru National Institute of Technology (MNNIT) Allahabad*

*Prayagraj, Uttar Pradesh, India*

- Led a team of 15 volunteers, overseeing logistics and event setup for a seamless tech fest.
- Organized training sessions, improving team coordination and efficiency by 30%.

**Computer Science Club Coordinator**

**March 2020 – February 2021**

*University of Calcutta*

*Kolkata, West Bengal, India*

- Organized coding sessions and workshops, boosting club engagement by 40%.
- Managed event logistics, secured speakers, and promoted technical skill-building among members.