

AVINASH KUMAR JHA

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EDUCATION

Bachelor of Engineering in Information Technology

University Institute of Technology, The University of Burdwan

2021 - 2025

CGPA (up to 5th semester): 8.53

Diploma in Programming and Data Science

IIT Madras

2023 - 2025

CGPA (up to Foundation level): 7.13

Higher Secondary(XII),BSEB

2021

Percentage: 77.4%

SKILLS

Language: Cpp, Python, Java

Technology/Frameworks: HTML,CSS, JavaScript, React

Database MySQL, MongoDB

PROJECTS

eLearning Platform | [Link](#)

June 2024

- Deployed a comprehensive eLearning platform using CSS, JavaScript, React, and Node.js, emphasizing seamless CRUD operations to efficiently manage courses and user data. The platform utilized a robust Node.js backend and MongoDB with Mongoose for scalable and robust database management.
- Fortified the platform's security and user experience by integrating JWT authentication, employing sophisticated responsive design principles for enhanced usability across diverse devices, and architecting a scalable framework to accommodate future expansions and feature enhancements

Real-Time Chat Application | [Link](#)

OCT 2023

- Crafted a real-time chat application utilizing JavaScript, React, and Node.js, centered on enabling instantaneous message exchange by seamlessly integrating Socket.IO for real-time communication.
- scalability through a Node.js backend and MongoDB with Mongoose for efficient data handling. It also enhances user experience with responsive design principles, ensuring compatibility across various devices.

ACHIEVEMENTS

- Solved 600+ Data Structures and Algorithms (DSA) problems on platforms such as [GFG](#), [Codechef](#) (rating: 1603), and [Codeforces](#) (rating: 1183).
- **Global rank 184** in [Starters 118 Division 3](#) on Codechef.
- **Global rank 96** in CP Potpourri at **Shaastra 2024**.

EXTRA-CURRICULAR ACTIVITIES

- Member of [SAHARA](#) - Actively participated in community service projects, organized events to support under-privileged groups, and contributed to social awareness campaigns.
- Orchestrated community development programs and spearheaded environmental conservation initiatives with National Service Scheme (NSS); facilitated national social welfare activities.