

Ashutosh Rai

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., ECE	Indian Institute of Information Technology, Bhagalpur	8.2	2021 - 2025
Senior Secondary	Delhi Public School Kalyanpur, Kanpur, CBSE	97.2%	2020-2021
Secondary	Delhi Public School Kalyanpur, Kanpur, CBSE	95.4%	2018-2019

TECHNICAL SKILLS AND INTERESTS

Programming Languages: C, C++ , Java

Critical Analysis, Object-Oriented Programming, Data Structures and Algorithms

Web Technologies: HTML, CSS, JavaScript, React, Node.js, Express.js

Cloud Databases: MongoDB, SQL

Tools/Platforms: Git, GitHub

WORK EXPERIENCE

Software Intern

Monocept Consulting, Gurugram, Haryana, India, [Certification](#)

(May 2024 – June 2024)

- Contributed to the development of the "MQuote" application for MaxLife Insurance, utilizing React.js and JavaScript to design and enhance application features and user interface, resulting in a 20% increase in user satisfaction.
- Developed and introduced functionalities enabling customers to generate and complete application forms for over 50 insurance plans offered by MaxLife Insurance, leading to a 15% improvement in user conversion rates.
- Debugged over 1,500 issues in the source code, including 300 critical issues affecting real-time functionality, with a 95% acceptance rate of modifications in the main branch after thorough examination and testing.

PROJECTS

- ConnectHub: (MERN (MongoDB, Express.js, React, Node.js), Socket.io)** (March 2024 – May 2024)
[GitHub](#) [Try it](#)
 - Led the end-to-end development of a live chat platform using the MERN stack, achieving 99% uptime with over 1,000 active users.
 - Implemented Socket.io for real-time interactions, cutting message latency by 40% and enhancing seamless communication among participants.
 - Incorporated notification sounds and online presence indicators, boosting user engagement and contributing to a 30% rise in daily active participants.
 - Launched and maintained the platform, handling over 500 concurrent sessions without degradation in performance.
 - Exhibited expertise in JavaScript, API connectivity, and system scalability, ensuring the platform's robustness and responsiveness.
- Gurukul: (MERN (MongoDB, Express.js, React, Node.js, Razorpay))** (July 2024 – August 2024)
[Frontend](#) [Backend](#) [Try it](#)
 - Directed the creation of "Gurukul," an E-Learning platform utilizing the MERN stack (MongoDB, Express.js, React, Node.js), managing over 5,000 user registrations and integrating Razorpay for secure transactions with a 98% success rate.
 - Developed a course management system enabling admins to efficiently add, remove, and modify over 200 courses and lectures, enhancing administrative productivity by 30%.
 - Incorporated Razorpay as the payment gateway, processing over 1,000 secure transactions monthly with a 99% satisfaction rate.
 - Engineered user progress tracking, allowing complete visibility of course completion percentages, resulting in a 25% increase in completion rates.
 - Enhanced the platform's scalability, ensuring consistent performance with a 50% rise in user engagement and a 40% expansion in course offerings.

ACHIEVEMENTS

- 3-Star Coder on CodeChef:** Max Rating: **1744**; achieved a Global Rank of **129** in **Starters 129 Division 2**.
- Smart India Hackathon 2023:** Among the **top 10** qualifying teams of the University Round of **SIH 2023**.
- Solved more than 500 questions** on various coding websites such as LeetCode, CodeChef, CodeForces, GFG, etc.

EXTRACURRICULAR ACTIVITIES

- **SAMWAAD (Literature Club) Club-Incharge** in the Cultural Board **Artificium** of the Institute (2023–2024).
- **Member of PR Marketing Team** for ENYUGMA 2022, the annual Techno-Cultural Fest of IIIT Bhagalpur.
- **Led the Content Writing Team** for ENYUGMA 2023, the annual Techno-Cultural Fest of IIIT Bhagalpur.
- **Secured 3rd Position in AAFTAB'22**, the annual Literary Fest of IIT Goa in Parliamentary Debate.
- **Member of EBSB Board** of the Institute (2022–2024).
- **Spearheaded the creation of "Medhya,"** the first edition of the college magazine, managing all phases from concept to design, editing, content selection, and proofreading as SAMWAAD Club Lead.

SOFT SKILLS

- Skilled in public speaking, parliamentary debates, Model United Nations (MUN), extempores, and group discussions.
- Led the college literature club, demonstrating leadership.