Mayank Mishra

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EDUCATION

- **Indian Institute of Information Technology, Lucknow**   2023 - 2027
  B.Tech in Computer Science - CGPA: 8.50/10

- **BSS Public School ,Raebareli**   CBSE - Science Stream with Physical Education
  Class XII - Percentage:98.4%   *2018 - 2022*

  Class X - Percentage:95.2%

PROJECTS

- **TeamsX**☑ **| MySQL, Next.js, NodeJS, Clerk, AWS EC2, Docker, SocketIO, LiveKit** October 2024 - present
  - **Overview:** Developed a full-stack platform, TeamsX, that connects over 500 users. Leveraged NextJS for a responsive front-end and NodeJS for high-performance back-end tasks .
  - Implemented an AI-driven chat with an NLP-powered model , alongside real-time messaging and WebRTC video calls using LiveKit for low-latency communication.
  - Deployed the application across AWS EC2, with a scalable architecture that supports concurrent user interactions and provides real-time analytics for personalized matching.

- **Defi**☑ **| Solidity, React, MetaMask, Ethereum, Remix, Tailwind**   August 2024 - September 2024
  - **Overview:** Developed a secure and decentralized cryptocurrency exchange platform on the Ethereum blockchain, facilitating trading of digital assets with a high transaction speed.
  - Integrated blockchain technology using Remix for smart contract deployment, accelerating transaction processing and securely managing through MetaMask integration.
  - Launched and maintained an online platform, improving performance by through optimized backend architecture and frontend design, resulting in improved customer retention.

- **Quecto**☑ **| Java, Spring boot, React, Tailwind, AWS EC2, MySQL, Docker** October 2023 - March 2024
  - **Overview:** Spearheaded a responsive e-commerce using React and Spring Boot aimed at boosting interactions between customers and small businesses.
  - Restructured using React for simplified and responsive frontend, and Spring Boot for a robust and scalable backend.

ACHIEVEMENTS

- Rated as **Specialist on Codeforces (max rating: 1407)**.   cfprofile☑
- Achieved a **3-star** rating on CodeChef **(max rating: 1651)**.   ccprofile☑
- **Secured 42th rank** globally out of 3,600 competitive programmers in Codechef Starters 143.   Contest Link☑
- **Earned 2nd Runner Up** position in the Foss Weekend Event organized by Equinox, fest of IIITL.   March 2024
- Won **3rd prize** in Blockchain Track among 350 teams in **HackOFiesta v5** powered by **BizThon**.   May 2024
- Participated in **Hacktoberfest**,merged 4 PRs and achieved **Level 4** recognition as a contributor .   October 2024

SKILLS & OTHERS

- **Languages**: JavaScript, Python, C, C++, Golang, TypeScript, SQL, JAVA, Solidity, Move, Bash
- **Frontend**: React, NextJS, Tailwind, Material UI, Bootstrap, Shadcn, Framer, GSAP, Svelte
- **Backend**: Node.js, Express.js, Golang, SpringBoot
- **Database**: MongoDB, MySQL, PostgreSQL, Firebase, CockroachDB
- **Cloud & DevOps**: AWS, Docker, Kubernetes, Git, Linux, Google Cloud, Nginx
- **Developer Tools**: VS Code, Scrum Framework, Postman, GraphQL, Regex
- **Soft Skills**: Teamwork, Communication, Initiative, Leadership
- **Courses**: Object Oriented Programming, Software Engineering, Web Development, Compiler Design, Data Communication, Theory of Automata, Design and Analysis of Algorithm

POSITIONS OF RESPONSIBILITY

- **Member - Students Activity Group, BSS Public School ,Raebareli |**   Aug 2020 - May 2022
  - Volunteered to promote various sports activities and events, leading to a 40% increase in sports participation in the school.

- **Member - Utkrisht, Fine Arts Society of IIIT Lucknow |**   July 2023 - September 2024
  - Volunteered the promotion of literary activities , leading to a 30% increase in club membership.
  - Conceptualized and executed events like Equinox and Ganesh Chaturthi, engaging over 200 participants.