

SHAIKH ABDULLAH

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Education

Indian Institute of Information Technology Bhagalpur

Nov 2022 – Jul 2026

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.4 (absolute)

Technical Skills

Languages: C, C++, JavaScript, TypeScript, Python, SQL

Development: React, TailwindCSS, Ant Design, Material-UI, Node.js, Express.js, MongoDB, REST APIs

Tools: Git, Github, Postman API, VSCode, Linux

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

Experience

BotGauge | 

Mar 2024 – Jun 2024

Frontend Web Developer

Remote

- Enhanced frontend using React, Ant Design, and Material-UI, improving interface consistency and user interaction by **25%** while integrating **15+** API endpoints.
- Optimized code, reducing load times by **30%**, and collaborated with cross-functional teams to refine workflows, improving user experience and retention by **15%**.

OPCODE (Open-Source Spring Fest) | 

Mar 2024 – Apr 2024

Co-organizer

IIIT Bhagalpur, Bihar

- Co-organized OPCODE**, a month-long open-source fest, including 2 workshops on open source.
- Drove the event's success with **250+** issues and **500+** pull requests across **35+** open-source repositories.


Positions of Responsibility

Open Source Lead | DevC (Development Community of IIIT Bhagalpur)

Feb 2024 – Present

- Led a team of 6** in developing and engineering the backend of the Gymkhana Admin Portal, delivering a fully functional system with optimized database design and APIs, handling over **100 daily API calls**.
- Conducted **10 workshops** on open source and development, directly engaging **150+ students** per session, while providing ongoing maintenance for college websites, improving loading speeds by **30%**.

Achievements

The 2023 ICPC Asia Amritapuri Doublesite Regional Contest | 

Nov 2023 – Jan 2024

- Earned the **first position** in college at **ICPC Amritapuri Prelims 2023**, ranking **under 650** nationwide.
- Achieved an impressive **135th** position among the top 250 selected teams in the regional round.

Codeforces (Specialist, Highest Rating 1433)

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- Competed in upwards of **60 contests** and resolved **300+ problems**.
- Secured a position of **1882 out of 30,422** participants (**top 6.2%**) in Codeforces Round 964 (Div. 4).

CodeChef (3-star, Highest Rating 1620)

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- Engaged in over **25 contests** and tackled around **500 problems**.

LeetCode (Top 8.72%, Maximum Rating 1773)

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- Devised and implemented solutions for around **200 challenges** of varying complexities.
- Secured a best contest performance by ranking **1223 out of 36,727** participants (**top 3.3%**).

TLE Busters CP Contest (Rank 1)

Sept 2023


- Placed **Rank 1** in the TLE Busters CP contest out of 100+ participants organized by PyC Coding club of IIIT Bhagalpur.

Projects

School Management System | C++, C++ STL, Smart pointer, OOPs | 

CLI Application

- Developed a C++ CLI application for school management, implementing C++17 features to reduce code complexity by **25%**.
- Leveraged smart pointers (std::unique_ptr, std::shared_ptr) and RAII techniques for efficient memory management, eliminating memory leaks and reducing resource management overhead by **30%**.
- Integrated JSON serialization for efficient data persistence, improving system performance by **40%**, and designed an extensible architecture using object-oriented principles for easy feature additions.

BookStore | MongoDB, Express, Node.js, TailwindCSS, React | 

CRUD Application