

# JAKARIA HOSSAIN

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Mymensingh, Bangladesh

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Github: <https://github.com/Jaki-pro>

## EDUCATION

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**Bachelor of Science in Computer Science and Engineering**

Comilla University

CGPA: 3.51/4.00

January 2020 - May 2025

## PROGRAMMING

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Solved more than 1500 programming problems | participated in **200+ online** contests & **15+ national-level** contests

- **Codeforces:** Solved 1200+ problems | Max Rating: 1318 | Handle: [ahmed\\_jaki](#)
- **CodeChef:** Solved 100+ problems | Max Rating: 1706 | Handle: [jaki23](#)
- **LeetCode:** Solved 100+ problems | Handle: [jakaria\\_jaki](#)

## ACHIEVEMENTS

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- **1<sup>st</sup> (Champion) in CoU IT Fest Programming Contest 2024** [🔗](#)
- **8<sup>th</sup> in Premier University Programming Contest 2024** [🔗](#)
- **9<sup>th</sup> in CoU Intra University Programming Contest 2022** [🔗](#)
- **12<sup>th</sup> in CUSS IT Fiesta IUPC 2024 Preliminary** [🔗](#)
- **26<sup>th</sup> in CUSS Presents IT Fiesta 2024** [🔗](#)
- **39<sup>th</sup> in IUT 11th National ICT Contest 2024** [🔗](#)
- **47<sup>th</sup> in CoU-BRACNet IUPC 2023** [🔗](#)
- **109<sup>th</sup> in ICPC Asia Dhaka Regional Contest 2024** [🔗](#)
- **148<sup>th</sup> in NCPC Onsite JU 2023** [🔗](#)

## SKILLS

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- **Programming Languages:** C, C++, Java, JavaScript, TypeScript
- **Frontend:** JavaScript, ReactJS, Redux, Tailwind, Bootstrap, Material UI, HTML, CSS
- **Backend and Database:** NodeJS, ExpressJS, MySQL, MongoDB
- **Web Technologies:** REST APIs, JWT, WebSocket, Load testing, HLS
- **Version Control and others:** Data structure, algorithm, OOP, System design, Git, Github

## PROJECTS

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- **Sporting goods:** Built a full-stack MERN eCommerce platform with user authentication, role-based authorization, Redux state management, RESTful APIs, MongoDB CRUD operations, secure checkout, query performance optimization using indexing, and responsive React UI. [github](#) [🔗](#)  
**Tools & technologies:** React.js, Tailwind CSS, Redux, Node.js, Express.js, MongoDB
- **Streamify:** Developed a scalable full-stack video streaming platform with HLS-based adaptive bitrate streaming, FFmpeg processing, JWT auth, Google OAuth, WebSocket for real time messaging, range requests, and load balancing. [github](#) [🔗](#)  
**Tools & technologies:** React.js, Node.js, MongoDB, HLS, WebSocket, JWT, Google OAuth
- **Library Management System:** Developed a cross-platform Library Management App with user authentication, book inventory, search, borrowing system, and admin panel using Flutter. [github](#) [🔗](#)