

# ABDULLAH AL AZAD

[Personal Website](#) | [Linkedin](#) | [Github](#)

## Full-Stack Developer | Competitive Programmer | MERN & Next.js Specialist

📍 Chittagong, Bangladesh | 📞 01630440005 | ✉ azad.jishan2003@gmail.com

### SUMMARY:

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Full-stack developer with hands-on experience delivering 10+ web applications using the MERN stack. Proficient in React, Node.js, Express, MongoDB, Prisma, and REST APIs, with strong foundations in authentication and scalable architecture. Currently expanding expertise in Next.js, TypeScript, Docker, OAuth 2.0, and Machine Learning, while contributing to open-source projects. Competitive programming background (Codeforces Pupil, CodeChef 3★) strengthens problem-solving and analytical skills.

### EXPERIENCE:

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#### International Islamic University Chittagong

##### Teaching Assistant - Data Structures | Jul 2024 - Aug 2025

- Assisted in teaching 100+ students, boosting average class performance by 15%.
- Designed coding assignments, checked submissions, organized marking, and studied elements.

#### IIUC Competitive Programming Society

##### Bootcamp Co-ordinator | Jan 2025 - Aug 2025

- Organized weekly coding sessions for 100+ participants.
- Collaborated with 20+ trainers and mentors, scaling program reach by 50% year-over-year.

##### Bootcamp Mentor | Jul 2023 - Jan 2025

- Provided guidance to 30+ beginner and intermediate CP enthusiasts.

##### Bootcamp Trainer | Jul 2023 - Dec 2023

- Conducted problem-solving sessions on algorithms, data structures, and Codeforces problems.

### PROJECTS:

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#### Portfolio

React JS, Node JS, Vite, DaisyUI | Jul 2024 – Present

- Designed and developed a personal portfolio to showcase projects, skills, and achievements.

#### CF Ladder – Competitive Programming Training Platform

MERN Stack, REST APIs, JWT, Axios | Mar 2025 - Apr 2025

- Developed a training system for 100+ IIUCPS students using Codeforces API to monitor real-time programming progress with a multi-admin panel featuring secure login and role controls.

#### Cloud Campus - Academic Platform

MERN STACK | Mar 2024 - Jul 2024

- Developed a responsive academic portal by using Agile methods with a three-member team collaboration.

#### Learn4Climate – NASA Space Apps Challenge 2024

React.js, Node.js | Aug 2024 - Sep 2024

- Developed a climate education platform showcased at NASA Space Apps Hackathon 2024.

#### TaskTracker

MERN Stack, JWT Auth | Jul 2025

- Built a task management app, improving productivity with CRUD features and JWT authentication.

#### Invoice Master

Next.js, TypeScript, Prisma, TailwindCSS, ShadenUI | Aug 2025 – Sep 2025

- Developed an invoicing platform with real-time tracking & automated email delivery.
- Reduced manual effort by 80% using Prisma ORM and Mailtrap integration.

#### SleepyHeads

HTML, CSS, Python, Machine Learning | Mar 2024 - May 2024

- Established a sleep disorder detection website to aid individuals in identifying their specific disorders at no charge.

## SKILLS:

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**Languages:** C, C++, Python, JavaScript (ES6+), TypeScript

**Frontend:** HTML5, CSS3, React.js, Next.js, Tailwind CSS, Vite

**Backend:** Node.js, Express.js, REST APIs, Prisma, Sanity

**Databases:** MongoDB, MySQL

**Auth & Security:** JWT, Role-Based Access Control, OAuth 2.0

**DevOps & Tools:** Docker, Git, GitHub, Render, Vercel, Nodemailer, MailTrap, VS Code

**Others:** Machine Learning, Data Structures, Algorithms, Agile/Scrum

**Open Source:** Actively contributing to GitHub repositories

## EDUCATION:

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**International Islamic University Chittagong** | Jul 2021 - Sep 2025

Bachelor of Science in Computer Science and Engineering

## CERTIFICATIONS:

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### Trainer Certificate

IIUCCPS | Feb 2024

- Received a certificate recognizing my role as a trainer at IIUCCPS Bootcamp Program Autumn 2023.

### The Best Mentor Award

IIUCCPS | Feb 2024, Jul 2025

- Awarded for my contributions as a mentor in the IIUCCPS Bootcamp Program.

### Participation Certificate

NASA | Sep 2024

- Participated in the NASA International Space Apps Challenge

### Certificate of Achievement

ICPC | 2022,2023,2024

- Awarded for achievements in the International Collegiate Programming Contest

### Ostad Courses Certificate

Ostad | May 2025

- Certificate for courses like “Webflow Crash Course” and “Javascript Workshop for Beginners”.

## ACHIEVEMENTS & RANKINGS:

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- ICPC Preliminary Contest 2024 - 288th
- IIUC Intra University Programming Contest - Junior/Solo - Aut'22 - 5th
- IIUC Intra University Programming Contest - Junior/Team - Aut'22 - 4th
- IIUCCPS Intra University Programming Contest - Team - Aut'22 - 12th

## CODING PROFILES:

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- CodeForces - 1313 (PUPIL)
- CodeChef - 1625 (3 Star)
- LeetCode - 1573

## REFERENCES:

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- References available upon request