

# ABDULLAH AL AZAD

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

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

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## SUMMARY:

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Full-stack developer with hands-on experience delivering 10+ web applications using MERN, Next.js, and TypeScript. As a Teaching Assistant and Bootcamp Coordinator, I mentored 100+ students in algorithms and modern web technologies. Skilled in React, Node.js, Prisma, MongoDB, and REST APIs with a proven track record in academic leadership and project delivery. Strong problem-solving background (Codeforces Pupil, CodeChef 3★) and a passion for building scalable, user-focused solutions.

## EXPERIENCE:

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### International Islamic University Chittagong

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

- Assisted in teaching 200+ students, boosting average class performance by 15%.
- Designed coding assignments and debugged solutions, reducing submission errors by 30%.

### IIUC Competitive Programming Society

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

- Organized weekly coding sessions for 100+ participants.
- Collaborated with 10+ trainers and mentors, scaling program reach by 50% year-over-year.

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

- Provided guidance to 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 | 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

- Created a CP training system with progress tracking for IIUCCPS students.
- Built a role-based admin panel with JWT authentication for problem management and access control.

### Cloud Campus - Academic Platform

MERN STACK | Mar 2024 - Jul 2024

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

### Learn4Climate – NASA Space Apps Challenge 2024

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

- Built a climate education platform adopted during NASA hackathon.

### TaskTracker

MERN Stack | Jul 2025

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

### Invoice Master

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

- Developed an invoicing platform with real-time tracking and Mailtrap integration.
- Automated invoicing reduced manual effort by 80%.

### 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

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

**Databases:** MongoDB, SQL(basic)

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

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

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

## 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