ABDULLAH AL AZAD

Personal Website | Linkedin | Github

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

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SUMMARY:

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 200+ 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:

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:

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+ IIUCCPS 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, ShadcnUI | 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:

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, OAuth 2.0, Role-Based Access Control
DevOps & Tools: Git, GitHub, Render, Vercel, Nodemailer, MailTrap, VS Code
Others: Machine Learning, Data Structures, Algorithms, Agile/Scrum

EDUCATION:

International Islamic University Chittagong | Jul 2021 - Sep 2025
Bachelor of Science in Computer Science and Engineering

CERTIFICATIONS:

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:

- 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:

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

REFERENCES:

- References available upon request