

# Alif Hassan Aunkur

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## EXPERIENCE

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### Co-Founder

#### Week Geeks

July 2023 - December 2023, Dhaka, Bangladesh · Hybrid

- Spearheaded the creation and scaling of a tech newsletter platform using Python, Flask, HTML, and CSS, growing user base to over 500+ daily readers within first month and managing end-to-end technology operations.
- Monitored and addressed application uptime and data integrity through periodic batch runs, reducing manual content sourcing effort and ensuring \$0 marginal increase in research overhead for expanding tech news coverage.
- Conducted training sessions for content writers, graphics designers, and social media personnel, utilizing project management tools and collaboration software to streamline onboarding and ongoing development.

### IT Consultant

#### Khaja Electric

April 2023 - September 2023, Dhaka, Bangladesh · Hybrid

- Maintained and updated company website, leveraging HTML, CSS, and JavaScript to improve user experience and enhance online visibility.
- Developed automated email extraction and data parsing pipelines using Python and BeautifulSoup, resulting in over 2000 verified industry-specific leads and reducing manual prospecting hours by 70%.
- Developed and launched an automated email outreach pipeline using Python, web-scraping, and SMTP, delivering 750+ customer interactions in less than 3 months, driving new business leads and supporting growth strategies.

### Course Instructor

#### InclusionX

March 2023 - August 2023, Dhaka, Bangladesh · On-site

- Delivered a specialized frontend web development course at InclusionX, improving content retention rates for students with cognitive disabilities by 50% over a 3-month period utilizing HTML, CSS, and JavaScript.
- Leveraged interactive teaching methodologies and real-world coding exercises to foster engagement and confidence among learners, receiving an overwhelming positive response.
- Designed and delivered a reusable curriculum framework, streamlining transfer of teaching materials and reducing course handover. Trained over 12+ volunteers, measured by feedback cycles and knowledge retention assessments.

### Web Developer

#### Edutechs

June 2022 - August 2022, Dhaka, Bangladesh · Hybrid

- Developed the frontend interface of a web application using HTML, CSS, and JavaScript, ensuring intuitive navigation and accessibility for end users.
- Integrated user data storage solutions with Firebase, automating user state management and reducing manual handling by 90% while maintaining data integrity for all platform features.
- Enhanced practical knowledge in frontend development by building user interfaces with HTML, CSS, and JavaScript for an educational application.

### Technical Instructor

#### Robolab

January 2019 - April 2022, Dhaka, Bangladesh

- Developed and delivered a robotics curriculum for 100+ students aged 6-16 over 3 years, utilizing Arduino and Python to increase project completion rates by 75% while maintaining a consistent 90% course satisfaction score according to parents.
- Oversaw maintenance, inspection, and replenishment of robotics kits, using inventory management practices to support continuous delivery of course activities.
- Trained and mentored 8+ instructors over a 6-month period using custom curriculum guides and performance analytics, achieving a 25% improvement in trainee instructional confidence and course readiness as measured by post-training evaluation scores.

### Telemetry Technician

#### MAR5

December 2019 - April 2020, Dec 2019 - Apr 2020 · 5 mos

- Designed and managed telemetry systems for rover operations using integrated sensor technologies and digital communication protocols.
  - Optimized sensor network calibration procedures, decreasing setup and diagnostic time by 45%, while maintaining 80% data accuracy across multiple collection cycles during the 5-month project duration.
  - Produced organized data summaries to inform system optimization efforts, drawing on technical skills in data analysis and sensor integration.
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## EDUCATION

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### Bachelor of Science - BS, Computer Science Engineering

BRAC University · Dhaka Bangladesh · 2028

### Internal Advanced Level

British Columbia School · Dhaka, Bangladesh · 2024

## May 2021 – Oct 2023

British Columbia School · 2021 · 4

· Grade: O levels: 9s in five subjects, 8s in two subjects and 7 in one subject GPA: 4/4

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## CERTIFICATIONS

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### Certification of Completion

JPMorganChase · 2025

### Certificate of Achievement

BRAC University Computer Club · 2025

### Learn Typscript

Scrimba · 2025

### Modern JavaScript for React JS – ES6.

Udemy · 2021

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## EXTRACURRICULAR

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### 2nd Runners Up

Young Founder School · 2019

- Entrepreneurship team in Young Founder School's Weekend long boot camp about entrepreneurship
- Our team pitch and idea of making pocket ECG machines for doctors in rural areas

### Bronze Medalist in Bangladesh Robotics Olympiad

Bangladesh Open Source Network (BdOSN) · 2018

- My teammate and I created a swarmbot robot that collectively collects trash and debris from Ocean. This was prompted by the competition.

### Participant in NASA Human Rover Exploration Challenge

NASA · 2020

- This competition challenged me to build an entire telemetry system to get environmental data and streamed the data to a web server written on NodeMCU board.

### Robotics Instructor

Robolab · 2022

- I challenged myself by teaching basics of robotics and web development over 100+ students age ranging from 8-15.

### Co-Founder

WeekGeeks · 2023

- Initiated Bangladesh's first tech exclusive newsletter
- During my stay, I created multiple webScraping to collect latest news and innovation from different tech companies
- My responsibility besides being the CTO and co-founder, was to train the content writer, graphic designers and social media managers.
- I have managed a team over 20+ members in my organisation.

### Software Engineering Intern

Edutechs · 2022

- My responsibilities here was to make an Udemy style learning platform.
  - I have used HTML, CSS, JS, jQuery and Firebase.
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## SKILLS

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Industry Knowledge: Apache Kafka, Competitive Programming, Data Structures, Algorithms, TypeScript, Start-up Leadership, Co-creation, Human Resources (HR), Team Management, IT Consulting, Course Development, Programming, Robotics and Web Development.

Tools & Technologies: Spring Boot, Bash, Java, Firebase, JavaScript, Python, React.js, Arduino, Git, GitHub, Flask, Bootstrap, Beautiful Soup and Scrapy Framework.

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