

# MD SHAKIB AHMED

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## EDUCATION

### Mymensingh Polytechnic Institute, Mymensingh

Diploma in Computer Science (CST) | CGPA: 3.46

January 2022 – December 2025

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## SKILLS SUMMARY

- **Languages:** Python, C, C++, Java, JavaScript
- **Frameworks/Libraries:** Django, DRF (Django Rest Framework), React, Tailwind CSS, Tkinter
- **Tools:** GIMP, Shotcut, Canva, CapCut, LibreOffice
- **Platforms:** PyCharm, Jupyter Notebook, Visual Studio Code
- **Others:** Teaching at [YouTube](#), DSA, Solved **1000+** Problems ([Codeforces](#), [CodeChef](#), [Leetcode](#)), Excellent Communication

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## WORK EXPERIENCE

### Backend Developer | Part-Time | Remote

February 2025 – April 2025

- Secured a project through LinkedIn connections, involving the completion of an existing backend system.
- Developed and optimized APIs while working within an established codebase.
- Collaborated with two teammates, attending daily meetings for code reviews and discussions with senior developers at Brain Station.
- Resolved complex business logic challenges alongside senior developers, ensuring smooth project progression through regular updates and feedback sessions.

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### Educational Content Creator | Part-Time | YouTube

June 2024 – Present

- **Content Creation & Planning:** Produced educational videos focused on competitive programming and algorithms, reaching 700+ subscribers and 30k+ views.
- **Video Production & Editing:** Created video tutorials and thumbnails using GIMP and other editing tools; handled the full video production cycle.
- **Audience Engagement & Community Building:** Maintained and grew an online community by engaging with viewers through comments, regular uploads, and a Discord community, focusing on educational value for beginner to intermediate programmers.

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## PROJECTS

### AspireThought | [Link](#)

December 2024 – February 2025

- Built a **blog-sharing platform** using DRF with token-based authentication & email verification.
- Features include **blog and story sharing**, where a story consists of multiple chapters.
- Implemented **likes, comments, bookmarks, and profile customization**.
- Introduced a **verification badge request system** and **author analytics dashboard**.
- Integrated a **following system**, allowing users to track topics and see posts from their preferred categories.
- Added **post search functionality** for better content discovery.

**Tech:** DRF, HTML, Tailwindcss, DaisyUI, JavaScript, Supabase psql, Vercel

## JuicyCart-Tropicals | Live | Video

November 2024 – December 2024

- **User Authentication** – Token-based authentication & email verification.
- **Seller Dashboard** – Manage a single shop, add/edit/delete products, update order status.
- **Order Management** – Customers can cancel pending orders; sellers can update order status & send email notifications.
- **Product Filtering** – Search by name, category, price range, etc.
- **Payment Gateway Integration** – Implemented SSLCommerz for secure online transactions.
- **Security Measures** – Token authentication with ongoing enhancements for API security.

**Tech:** DRF, HTML, Tailwindcss, DaisyUI, Javascript, Supabase psql, Vercel

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## AlgoAspire-Academy | Under Development | Idea Link

February 2025 – Present

**Overview:**

- A free e-learning platform integrating video lectures, interactive notes, quizzes, and progress tracking.
- Aims to provide a **community-driven learning experience** focused on algorithms and programming.

**Key Features:**

- **Video Integration:** Embedded YouTube videos for structured learning.
- **Notes Section:** Personal and curated topic-wise notes.
- **AI-Powered Q&A:** DeepSeek-based assistance for real-time help.
- **Gamification:** Earn points, track progress, and compete on leaderboards.
- **Interactive Quizzes & Assignments:** Reinforce learning through assessments.
- **User Profiles & Achievements:** Display badges, milestones, and progress indicators.
- **Community Engagement:** Forums and peer discussions.

**Tech Stack:**

- **Frontend:** React for a dynamic user interface.
  - **Backend:** Django REST Framework for scalable APIs.
  - **Database:** PostgreSQL/MySQL.
  - **Integrations:** YouTube API, DeepSeek API.
  - **API Documentation:** Swagger Documentation.
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## CERTIFICATIONS

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### Institute Level Skills Competition | Certificate | March 2023

- Participated in an institute-level competition at HPI with a **desktop application project**.
- Developed an application featuring **student registration, a drawing board, a YouTube video downloader, an IDE, a calculator, a notepad, a translator, a dictionary, a calendar, a CGPA calculator, data encryption/decryption, and an MCQ play system** using Tkinter.

### 30+ Basic Certifications | 2023

- **14+ Certificates** from Sololearn. [Certificate](#)
  - **6+ Certificates** from Programming Hero.
  - **15+ Certificates** from Programming Hub.
  - **5+ Certificates** from Coursera, Udemy.
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