

## | Basic Information

<b>Name</b>	MD.Abu Bakar Siddique
<b>Birth date</b>	2003/01/01
<b>Portfolio link</b>	Original portfolio: <a href="https://abs-portfolio-ten.vercel.app/">https://abs-portfolio-ten.vercel.app/</a>  Linkedin: <a href="https://www.linkedin.com/in/md-abu-bakar-siddique-59b881237/">https://www.linkedin.com/in/md-abu-bakar-siddique-59b881237/</a>  GitHub: <a href="https://github.com/Abs-Futy7">https://github.com/Abs-Futy7</a>



## | Academic Background

<b>Degree</b>	B.Sc. in Computer Science and Engineering		
<b>University Name</b>	University of Dhaka		
<b>Grade</b>	2nd year	<b>CGPA</b>	3.70

## | Technical Skills

S = Professional project Experience as Internship or Freelance, A = Highly confident skill

B = Personal / Academic Project Experience, C = Theoretical Knowledge, learned

<b>Programming Language</b>	<b>Skill Level</b>	<b>Web</b>	<b>Skill Level</b>	<b>Database</b>	<b>Skill Level</b>	<b>Others</b>	<b>Skill Level</b>
C/C++	A	React/NextJS	S	MySQL	B	Github	S
Java	A	FastAPI	B	Oracle	B	Windows	S
Python	B	HTML	S	PostgreSQL	S	Linux	S
JavaScript	B	CSS	S	MongoDB	S	Langchain	A
TypeScript	B	NodeJS	B			RAG	A
Dart	B	ExpressJS	B				

| Internship / Freelance Project Experience

Duration	Company Name	Project Details	Technology Used
2023/01/01 ~ 2024/04/30	<b>GenMorphics AI Solutions</b>	Created training data for large language models (LLMs), improved prompts, and helped make the models better by giving feedback like a human would.	<ul style="list-style-type: none"><li>• JavaScript</li><li>• HTML</li><li>• CSS</li></ul>

| Academic or Personal Project Experience 学習のための経験

Duration	Project Details	Technology Used	Your Role
2025/06/28 ~ 2025/07/02	<b>Project Title:</b> PitchLab  <b>Project Overview:</b> A web-based platform simulating AI co-founders for startups. It provides expert guidance through intelligent agents that assist entrepreneurs in decision-making related to technical architecture, marketing strategy, financial planning, and project structure.  <b>Project Link:</b> <a href="https://pitchlab-five.vercel.app/">https://pitchlab-five.vercel.app/</a>  <b>Total Number of Members:</b> 1	Next.js, Tailwind CSS, TypeScript, Gemini API, OGL	<b>Your Role:</b> Full-Stack Developer  <b>Name of Part:</b> Designed and developed frontend and backend features, integrated AI agents, and created responsive layouts using Tailwind CSS.
2025/04/01 ~ 2025/04/09	<b>Project Title:</b> LoreAI  <b>Project Overview:</b> A multi-functional Flutter mobile app that uses Google's Gemini AI for intelligent features like chatbot interaction, image generation, and text summarization—all combined in a clean, accessible UI.  <b>Project Link:</b> <a href="https://github.com/Abs-Futy7/LoreAI">https://github.com/Abs-Futy7/LoreAI</a>  <b>Total Number of Members:</b> 1	Flutter, Dart, Gemini AI	<b>Role:</b> App Developer  <b>Responsibilities:</b> Developed UI components, integrated Gemini APIs for multiple features, and tested cross-device compatibility.

2025/01/015 ~ 2025/02/03	<p><b>Project Title:</b> School Management System</p> <p><b>Project Overview:</b></p> <p>An object-oriented desktop application for managing school operations across admin, teacher, and student roles. Features include real-time communication, PDF report generation, and role-specific dashboards for managing attendance, study materials, payments, and academic records.</p> <p><b>Project Link:</b></p> <p><a href="https://github.com/Abs-Futy7/2nd-Year-1st-Semester-OOP-Project">https://github.com/Abs-Futy7/2nd-Year-1st-Semester-OOP-Project</a></p> <p><b>Total Number of Members:</b> 2</p>	Java, Swing, MySQL, Apache Ant, iText Library	<p><b>Role:</b> Frontend Developer</p> <p><b>Responsibilities:</b></p> <p>Designed and implemented interactive user interfaces for Admin, Teacher, and Student dashboards using Java Swing; integrated front-end components with real-time socket-based communication and handled user experience optimization.</p>
2023/06/01 ~ 2023/08/10	<p><b>Project Title:</b> Puzzle Paradigm – CSE 1211 Project</p> <p><b>Project Overview:</b></p> <p>A desktop-based jigsaw puzzle game designed as part of the CSE 1211 (Fundamentals of Programming) course at the University of Dhaka. The game is inspired by childhood puzzle-solving and incorporates interactive UI elements with iGraphics.</p> <p><b>Project Link:</b></p> <p><a href="https://github.com/Mehedi26696/Puzzle-Paradigm-CSE-1211-Project">https://github.com/Mehedi26696/Puzzle-Paradigm-CSE-1211-Project</a></p> <p><b>Total Number of Members:</b> 3</p>	C++, OpenGL, iGraphics	<p><b>Role:</b> Game Developer</p> <p><b>Responsibilities:</b> Puzzle layout logic, image slicing, level progression, and animation effects.</p>

| **Professional Certification** 資格や検定

Title	Institute	Date
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<b>AI+ Prompt Engineer Level 1™</b> <b>Credential ID:</b> dde08b0c7f8a	<b>AI CERTs™</b>	<b>July 2025</b>
<b>Cyber Security Specialist</b> <b>Credential ID:</b> C24S10E9041	<b>Cipher Shadow IT</b>	<b>June 2024</b>
<b>Network Pentesting Basics</b> <b>Credential ID:</b> 90120f9f4d8879fa741ed64b903087	<b>Parrot CTFs</b>	<b>June 2024</b>

#### | Achievements 受賞歴など

- 2nd Place – PKI Hackathon (University Student Category):** Our team DU\_Apricot won 2nd Prize in the university student category at the Public Key Infrastructure Summit 2025 – PKI Hackathon, organized by the Office of the Controller of Certifying Authorities (CCA) and the ICT Division, Bangladesh. Team members included H.M. Mehedi Hasan and Chowdhury Shafahid Rahman from CSEDU Batch 29.
- 2nd Place – DU CTF 2024 (25-Hour Capture The Flag Competition):** Our team DU\_Black\_Noodles secured 2nd place in the intense 25-hour DU CTF 2024, hosted by the University of Dhaka. The event tested our skills across various cybersecurity domains including cryptography, reverse engineering, and web exploitation. Team members included Ahil Islam Aurnob, Dibbajothy Sarker, and Chowdhury Shafahid Rahman. This achievement reflected our dedication, collaborative spirit, and ability to perform under pressure in a non-stop, high-stakes environment.
- 3rd Prize – UAP Cyber Siege 2025:** Our team DU\_Black\_Noodles secured 3rd place at the UAP Cyber Siege 2025, hosted by the University of Asia Pacific. The event featured practical cybersecurity problem-solving across various domains including web, network, and reverse engineering.
- 3rd Prize – Glowing with Ideas: Poster Competition:** Our team DU Cyclotron earned 3rd prize in the "Glowing with Ideas: Unleash the Power of Photonics" poster competition, organized by the IEEE Photonics Society Student Branch Chapter, University of Dhaka. We presented our research on Quantum Cryptography, blending science, visual storytelling, and teamwork.
- 9th Place – Cyber Raid Final Round:** We achieved 9th place at the Cyber Raid 2025 (Final Round) held at the Military Institute of Science and Technology (MIST), organized by the IT Directorate of the Bangladesh Army. The event brought together the top cybersecurity teams from across the country in an intense and rewarding competition.

- **Top 50 (International) – Knight CTF 2025:** Our team DU\_Black\_Noodles ranked 50th globally in our debut international Capture The Flag event—Knight CTF 2025. Competing against elite teams from around the world, we tested our cybersecurity and reverse engineering skills on a global stage.

## | Other Activities その他の活動

- **Associate Secretary, Faculty of Science**

*Dhaka University Career Club* — (Feb 2025 – Present)

- Lead coordination for faculty-wide career development initiatives, working closely with university departments to organize workshops and networking events.

- **Code Samurai BD** — *Volunteer* (May 2024)

- **President of Publications**

*Notre Dame Information Technology Club* — (Sep 2022 – Apr 2023)

- Oversaw the club's creative direction and digital publications; managed a team of designers and content creators for tech events.

- **Graphics & Visual Branding In-Charge, Wikipedia Editorial & Research Team**

*Notre Dame English Club* — (June 2022 – July 2023)

- Led the visual branding and design for editorial projects; created promotional content and visuals for workshops and campaigns.

## | Hobbies 趣味

- Participating in Capture The Flag (CTF) cybersecurity challenges
- Designing digital graphics
- Volunteering at tech events
- Playing Games & Sports
- Watching movies or animes
- Workout

## | Professional Interests 専門的な興味

I'm passionate about cybersecurity and web development, with strong interests in UI/UX design, machine learning, and networking. My experience includes building full-stack projects, designing user-friendly interfaces, and competing in CTFs to apply real-time problem-solving skills.

I enjoy creating web applications that blend performance with clean, usable design—supported by my background in graphic design and visual branding. Recently, I've been exploring Retrieval-Augmented Generation (RAG) and Large Language Models (LLMs), with a focus on building secure, intelligent systems.

### **| About Your Self**

I'm Md. Abu Bakar Siddique—a Computer Science and Engineering student at the University of Dhaka with a strong passion for cybersecurity, software development, AI, and networking. I enjoy solving practical challenges through technology and have hands-on experience with Python, C++, Java, and web development. My projects range from building real-time communication tools to developing structured backend systems.

Creativity plays a big role in my work—I also specialize in graphic design and UI/UX, blending technical skills with thoughtful visual design. Alongside academics, I actively contribute to tech communities, organize events, and take part in Capture The Flag (CTF) competitions at national and international levels.

I believe in collaboration, learning by doing, and using technology to make a difference. Whether contributing to clubs, leading design initiatives, or volunteering during national emergencies, I'm always looking for meaningful ways to grow and give back.