Abdul Malek

⚲ Rajshahi, Bangladesh   ✉ abmalek586@gmail.com   ☎ 01306706908   in LinkedIn   ⌨ Github

Education

University of Rajshahi   Jan 2020 – Aug 2025
BSc in Information and Communication Engineering
- CGPA: 3.42/4.0

Competitive Programming Profiles

- [Codeforces](#) : **Specialist** — Max rating: 1543
- [Codechef](#) : **3 Star** — Max rating: 1720
- [LeetCode](#) : **Knight** — Max rating: 1906 — Top 4.27%
- Solved **1900+** problems and participated in 250+ contests

Competitive Programming Achievements

- UU IUPC : Rank 67 – Team: [RU_404](#)
- KUET IUPC : Rank 102 – Team: [RU_FireFly](#)
- SEC IUPC : Rank 57 – Team: [RU_PLANET](#)
- NCPC 23 : Rank 121 – Team: [RU_StrongMinded](#)

Experience

Industrial Attachment [JavaScript, Go] ⌨ [GitHub](#)   Mar 2025 – Mar 2025
Vivasoft Limited
- Engineered a secure authentication system with Go and Echo, integrating JWT to deliver stateless login and preventing unauthorized access.
- Participated in several workshops on SQA, SEO, LLM, and JavaScript.

ICE Programming club - Community Secretary   Sept 2022 – Sept 2025
- Mentored 50+ junior students weekly on data structures and algorithms. Arranged several onsite contests.

Projects

URL Shortener Backend [Spring Boot, JWT, MySQL]   ⌨ [GitHub](#)
- Developed a RESTful back-end service to shorten long URLs into compact links, enabling efficient redirection in under **50ms** per request.
- Implemented **duplicate URL detection** and handling, reducing redundant entries in the database by 100%. Secured endpoints with **JWT authentication.**

Task Tracker [Java, Spring Boot, PostgreSQL]   ⌨ [GitHub](#)
- Built a RESTful backend API for a task management system, executed validation, error handling, improved system reliability, and reduced task creation errors by 20%.

Smart Email Assistant [Spring Boot, React, Google Gemini API]   ⌨ [GitHub](#)
- Built an AI-driven email assistant that generated professional replies, reducing manual drafting time by 70% and improving response accuracy across 200+ emails.

Technologies

Languages: C, C++, Java, Python, MySQL.

Frameworks and Tools: Spring Framework, Django, Git, GitHub, Postman.

Concepts: Data Structure and Algorithms, Object-Oriented Programming, System Design, SQL Queries, SOLID.