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# Sowhardo Bin Atik

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## Education

**BRAC University**, Dhaka, Bangladesh *B.Sc. in Computer Science and Engineering* 2022 – Present  
Final-year student (last semester, expected graduation in mid January, 2026)

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## Skills

- **Programming Languages:** C, C++, Java, Python, JavaScript, TypeScript, Assembly
  - **Web Development:** HTML, CSS, TailwindCss, React (TS), MERN stack (learning)
  - **Backend:** Django, REST APIs, PostgreSQL, basic system design
  - **Tools:** Git, Linux, VS Code, Cisco Packet Tracer, Wireshark, VIM
  - **CS Fundamentals:** Algorithms, OOP, Networking basics, Compiler fundamentals
  - **AI/ML:** Neural Networks, Numpy, Scipy, Matplotlib, Pandas, Data Preprocessing, Deep Learning (Currently Working on Thesis)
  - **Problem Solving:** Leetcode Easy & Medium
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## Projects

- **Metro Rail Management System:** Used React+TS for frontend and Django for backend, to build a modern solution for Dhaka Metro Rail.
  - **Personal Portfolio:** Used React+TailwindCss to build a personal portfolio to showcase skills and values.
  - **UNIX Shell Implementation:** Used C to implement Pipes, I/O directions, sequential executions.
  - **Fire Simulator Game:** Used PyOpenGL to implement a fire simulator, designed functionalities of fire trucks and fire mechanisms.
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## Achievements

- Completed AgentX Prompt Engineer Level 1 certification.
  - Completed course on Presentation Skills as a part of BRACU Residential semester extracurricular activities.
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## Current Goal

- Build a full stack Application that solves one real world problem in unique way.
- Getting further Comfortable in Problem solving.
- Learn Intermediate System Designing & cloud concepts (personal interest).