Saha Kuljit Shantanu

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Education

Notre Dame College — Dhaka, Bangladesh
HSC — *2017 – 2019*
GPA: 5.00

Bangladesh University of Engineering Technology — Dhaka, Bangladesh
B.Sc. in Computer Science and Engineering — *Feb 2020 – Mar 2025*
CGPA: 3.54

Skills

Programming Languages: C/C++, Java, Python, JavaScript, TypeScript, SQL

Communication: English(IELTS 7.5), Bengali(Native), German(A_1), French(Elementary)

Technologies: Flask, Express.js, Node.js, Sveltekit, Oracle, Git, Vercel, Azure, SSLCmmerz, LTSpice, AutoCAD, OpenCV, PyTorch, TensorFlow, Postman

Methodologies: OOP, Functional Programming, DevOps

Experience

Lecturer, Department of CSE — *Jul 2025 – Present*
International University of Business, Agriculture and Technology

Fall 2025 Classes (October 6, 2025 Onwards)

- Software Engineering
- C Programming

Summer 2025 Classes (July 9, 2025 - September 29, 2025)

- Compiler Design
- Web Engineering

Ongoing Projects

- Conducting a study on the impact of a legal Chatbot on general people of Bangladesh

Publication

EduPresenta: A Conversational AI Agent for pedagogically Sound Presentation Generation for Instructors — *Proposal Accepted*
28^{th} *International Conference on Human Computer Interaction (HCII'2026)*
1^{st} Author

Extending Feature Selection Strategies in VGG16: Convolutional Feature Aggregation for Content-Based Image Retrieval — *Accepted*
IEEE 5^{th} *International Conference on Computing and Machine Intelligence (ICMI'2026)*
1^{st} Author

Projects

Context_Based_Image_Retrieval | *Github*

- This project is an evaluation framework of my undergraduate thesis related to computer vision, where the system takes an image as a query and outputs images prior to its relevance.
- **STACK**: [**svelte**, **flask**]

Computer Architecture Projects | *Github*

- A collection of my Computer Architecture projects. It incldes the structuraal design of a 4 bit ALU and a 32 bit floating point adder. Additionally, there is a fully functional 4 bit Computer driven by MIPS instructions
- **STACK**: [**Logisim**, **ATMega**]