

# Shah Jalal Dip

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## Professional Summary

Aspiring software engineer with hands-on experience in Java, C++, and JavaScript. Skilled in building desktop applications using Java Swing, including a university project dashboard with multiple functionalities and user interfaces. Strong foundation in object-oriented programming, data structures, and algorithms, with a keen interest in competitive programming and web development.

## Education

- Bachelor of Science in Computer Science & Engineering (CSE) - American International University-Bangladesh (AIUB), Dhaka
- Currently in 4th semester
- Relevant Courses: Math, DSA, OOP

## Technical Skills

Programming Languages: C++, Java, JavaScript

Web Development: HTML, CSS (if applicable)

Database: Oracle SQL, MySQL (beginner)

Tools and Technologies: Git, GitHub

Soft Skills: Problem-solving, teamwork, adaptability

## Projects

University Dashboard

Java Swing Application

- Designed and implemented an interactive dashboard for university administration using Java Swing, adhering to OOP principles such as encapsulation, polymorphism, inheritance, and interfaces.
- Created functionalities for Admin, Faculty, and Student dashboards, allowing operations like adding, updating, and viewing student, course, and faculty information.
- Leveraged File IO for data storage and implemented a random ID generator for user registration.

## **Experience**

No professional experience to date. Relevant academic projects and technical training listed above.