K. M. Azwad Hossain

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○ github.com/azwadkm22   in linkedin.com/in/azwadkm22

⟨ leetcode.com/u/azwadkm22   🔗 azwadkm22.github.io/Portfolio/

EDUCATION

2019 – 2024	**Bachelor of Science - Computer Science and Engineering** University of Dhaka CGPA: 3.81
2016 – 2018	**Higher Secondary School Certificate - Science** Notre Dame College GPA: 5.00

PROFESSIONAL EXPERIENCE

02/2024 – present	**Software Engineeer** Samsung R&D Institute Bangladesh (SRBD) ⧉ As a Software Engineer at Samsung R&D Institute Bangladesh, I've contributed to the maintenance and enhancement of key Samsung applications, including Samsung DeX and Samsung Notes, ensuring seamless functionality and improved user experience. Alongside this, I've worked on bringing a Proof of Concept (PoC) to life using openGL and Android SDK.	Dhaka, Bangladesh

SKILLS

Programming Languages
C/C++, Python, Javascript, Java, Dart, GDScript

Android and Web Development
React.js, Express.js, Node.js, Flutter SDK, Android SDK

Design tools
Figma, Lucidchart

Game Development
Unreal Engine, Godot

Database Management
PostgreSQL, MongoDB

Data Science
Pandas, Numpy, Matplotlib, Seaborn

PROJECTS

2023	**Solvei** ⧉ Solvei is a platform dedicated to helping CSEDU students by providing a searchable archive of past exam questions. Users can search for questions by year, course code, or instructor, making it easier to find relevant materials for their studies. The project was developed using React.js for the frontend, Express.js for the backend, and JavaScript as the primary programming language. The design was implemented using basic CSS as a personal challenge. Tools and Frameworks used: **Figma, React.js, Express.js, Node.js, MongoDB** Language Used: **Javascript**
2022	**JobDen** ⧉ JobDen is a comprehensive job search app that enables users to search for, apply to, and post job opportunities. The platform provides an intuitive interface for job seekers to find relevant positions, submit applications, and track their job search progress. Employers can also easily post job listings to reach potential candidates. The app was built using Flutter with Dart. Tools and Frameworks used: **Figma, Flutter SDK, Cloud Firestore** Language Used: **Dart**

2021	**boku.gg** ⧉
	Boku.gg ⧉ is an anime streaming app where users can browse and search for their favorite shows by title or genre, stream episodes seamlessly, and maintain personalized lists of their favorite anime series. Built using Flutter with Dart, the app provides a smooth, responsive, and intuitive experience across multiple devices.
	Tools and Frameworks used: **Figma, Flutter SDK, Cloud Firestore**
	Language Used: **Dart**
2021	**Thaprabo - The Game** ⧉
	Thaprabo the Game is a 2D platformer I created as a surprise for a friend's birthday in 2021, using the Godot Engine for its simplicity and accessibility. The game features multiple levels, a variety of enemies, and mechanics inspired by Hollow Knight. This project gave me the opportunity to explore Godot's powerful scripting language (GDScript) and refine my understanding of game mechanics and interactive storytelling.
	Game Engine Used: **Godot**
	Language Used: **GDScript**

ACHIEVEMENTS

2023	**Champion of DU CTF 2023 (CSE_FRD)** ⧉
	DU CTF is an intra university cyber security competition hosted by CSEDU Students Club.
2023	**Top 10 Finalist of HackTheVerse Open APIs Challenge Hackathon (CSEDU_ARD)**
	HackTheVerse - Cefalo Presents ITverse 2023 is an inter university Hackathon organised by Institute of Information Technology, University of Dhaka.
2022	**Provisional finalist of Robi Datathon 2.0 (DU_Datamon)**
	Robi Datathon 2.0 was Bangladesh's biggest datathon of 2022 revolving around the role of Big Data and Machine Learning in solving business problems.

COURSES AND CERTIFICATES

Professional Certificate - IBM Data Science ⧉
IBM on Coursera

Specialization - C++ Programming for Unreal Game Development ⧉
University of Colorado on Coursera

Specialization - Generative AI Fundamentals ⧉
IBM on Coursera

Specialization - Generative AI for Software Developers ⧉
IBM on Coursera

Course - Principles of UX/UI Design ⧉
Meta on Coursera

Course - Fundamentals of Reinforcement Learning ⧉
University of Alberta on Coursera

INTERESTS

- System Design
- Generative AI
- Deep Learning

- Web Design
- Machine Learning
- Reinforcement Learning

- Game Design
- Problem Solving
- Music Composition