**Abhijeet Biswas**

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Education

Vellore Institute of Technology, Bhopal Bhopal, India

Master of Computer Application, CGPA: 8.0 Jul. 2024 – Apr. 2026

Guru Nanak Khalsa College, Matunga Mumbai, India

Bachelor in Computer Science, CGPA: 8.1 Jun. 2020 – Apr. 2023

Projects

**Chess-Mui** | Rust, Git, TypeScript (docusaurus), Docker, Bash | [Chess-Mui](https://github.com/abhijeett55/Chess.git) Jun.2025 – Aug. 2025

Chess-Mui is a simple chess game you can play from your terminal.

It supports local 2 players mode, online multiplayer and playing against any UCI compatible chess engine.

Used Docusaurus to deploy the Rust-based game on the website.

**Point-On-Scale system** | Android, Java, Supabase, Firebase, Git | [Point-On-Scale](https://github.com/abhijeett55/Point-On-Scale.git) Dec.2023 – Apr. 2024

Developed PointOnScale, an Android app in Java featuring a scalable touch interface, designed a responsive MaterialUI with real-time gesture handling, scaling, and clean Java-based architecture.

Implemented Firebase Authentication with secure Email/Password login and optional Google SignIn and Integrated Supabasefor real-time storage, retrieval, and synchronization of user-specific point data.

**Bitsfy** | Cpp, C, Cmake, Git | [Bitsify](https://github.com/abhijeett55/Bitsify.git) Sep. 2024

Created Bitsify, a lightweight C++ header library offering efficient and reusable bit manipulationutilities tailored for competitive programming and system-level applications.

Implemented core operations including set bit count, bitwise subset generation, and minimum bit flips between integers.

**Kanban** | Rust, Axum, Git | [Kanban](https://github.com/abhijeett55/kanban.git) Jun. 2024

Built a command-line Kanban board application in Rust, enabling users to manage tasks across customizable columns (To-Do, In Progress, Done).

Designed with a focus on developer productivity and clean CLI UX, suitable for lightweight personal project management or scripting integration.

Integrated a Rust-based command interface supporting task creation, status updates, deletion, and real-time board rendering in the terminal.

Technical Skills

**Languages:** C, Cpp, Rust, TypeScript, Java, Postgres, Supabase, Firebase, Kotlin, Bash

**Developer Tools:** Sublime, VScode, Clion, RustRover, Notepad++, Git

**Framework:** React, Axum

**Competitive Programming:** [**Codeforces**](https://codeforces.com/profile/Abhijeett55) **,** [**Leetcode**](https://leetcode.com/u/abhijeett55/)

Certifications

Data structure and Algorithm (Udemy) Jul. 2024 – Jun. 2025

Web Design (FreeCodecamp) Aug. 2023 – Sep. 2023

Problem Solving (Hackerrank) Jun. 2025