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   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.

Lostream | Cpp, C, Cmake, Git | Lostream   Aug. 2024 - Sep. 2024

- Low mallocs: Custom allocators reduce calls to malloc by allocating large chunks once and subdividing internally.
- Data structures: Use linked lists, trees, or stacks to track allocated/free memory efficiently.
- Constraints: Often specialized with usage limits, enabling high performance in specific applications.

Point-On-Scale system | Android, Java, Supabase, Firebase, Git | Point-On-Scale   Dec.2023 – Apr. 2024

- Developed PointOnScale, an Android app in Java featuring a scalable touch interface, designed a responsive.
- Material UI 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 Supabase for real-time storage, retrieval, and synchronization of user-specific point data.

Kanban | Rust, Axum, Git | Kanban   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, Clion, RustRover, Git, Emacs
Framework: Axum, Actix, QT, React, WASM
Build System and Tools: Cmake, Makefile, CI\CD Pipelines
Concepts: OOPs, Operating System, Data Structure and Algorithm, Database Management System
Competitive Programming: Codeforces , Leetcode

Certifications

Data structure and Algorithm	Jul. 2024 – Jun. 2025
Web Design	Aug. 2023 – Sep. 2023