# Abhijeet Biswas

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## Education

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| **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:** CPP, JAVA, Rust, C, Bash
**Databases:** PostgreSQL, SQLite, MongoDB, MySQL
**Framework:** Axum, Actix, QT, SpringBoot, Spring MVC, Hibernate/JPA
**Build System and Tools**: Cmake, Maven, Gradle, CI\CD Pipelines, Git/Github, Kubernetes, Docker
**Concepts**: OOPs, Operating System, Data Structure and Algorithm, DBMS, Computer Network.
Microservice Architecture, REST-API Design
**Competitive Programming: Codeforces , Leetcode**

## Certifications

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| Data structure and Algorithm | Freecodecamp | Jul. 2024 – Jun. 2025 |
| Web Development | Udemy | Aug. 2023 – Sep. 2023 |