Aryan Batra

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▬▬▬ Projects

WhatsApp AI Chatbot for NGOs, *Java, Spring Boot, Firebase, Cloudflare Workers AI, Docker, Render, WhatsApp Cloud API*.
A production-ready WhatsApp chatbot built with Java and Spring Boot, integrated with Firebase and Cloudflare Workers AI to provide intelligent responses to user queries. Designed specifically for NGOs, it stores messages in Firestore, runs on Docker, and is deployed using Render. The system uses meta webhooks to receive messages, processes them through AI models, and provides accurate, context-aware replies in real time. github.com/aryanbatras/WhatsApp-AI-Chatbot

3D Data Structure Visualization Library, *Java, Git, FFmpeg*.
DSA-IN-3D is a full-fledged 3D data structure visualizer built from scratch in Java. Designed to educate and inspire students and developers, it features ray tracing, realistic rendering, camera animations, and a fluent `.with()` API inspired by Java Collections. https://github.com/aryanbatras/DSA-IN-3D

Secure Notes Desktop App, *Java, JDBC, SQLite, Swing*.
A password-protected and fully encrypted desktop notes application supporting multiple user accounts, individual SQLite databases, and encrypted login sessions using Java Swing. https://github.com/aryanbatras/SecureNotesDesktopApp

Mini Google Docs, *JavaScript, OAuth2, Google Docs API, Google Drive API*.
A minimalist, distraction-free notes editor that integrates with Google Docs and Drive using OAuth2. Users can log in with their Google accounts and sync notes directly into their Google Docs. https://github.com/aryanbatras/MiniDocs

▬▬▬ Education

2020	**Secondary**, *St. Paul's Convent School*, GPA: 82%, *Jammu, India*.	
2022	**Higher Secondary**, *Little Flower School*, GPA: 82%, *Jammu, India*.	
2027	**B.Tech in Computer Science**, *MBSCET*, GPA: 8.0, *Jammu, India*.	

▬▬▬ Skills

Languages	Java, Kotlin
Frameworks	Spring, React
Tools	Git, Docker
OS	Mac