

Brett Westley A. Arda

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[BrettWestleyArda](#) | github.com/bardatt1

TECHNICAL SKILLS

- **Languages:** Java, Python, Kotlin, C, JavaScript, TypeScript, SQL, PHP, HTML, CSS
- **Frameworks & Libraries:** React.js, Spring Boot
- **Platforms & Services:** AWS, Google Cloud Platform, , Cloudinary, WordPress, Firebase, Vercel, Render, Docker
- **Developer Tools:** Git, Visual Studio, XAMPP, DBeaver, PgAdmin, MySQLWorkbench

PROJECTS

Civilify (Spring Boot, React, Firebase) ([Civilify.git](#))

- Built an AI-powered legal assistant providing accurate Philippine legal information and case plausibility assessments through retrieval-augmented generation (RAG).
- Engineered a full-stack application with React 18 frontend, Spring Boot backend with JWT authentication, Firebase Firestore for conversations, and PostgreSQL with pgvector for semantic search of 1,500+ Philippine legal provisions (Constitution, Civil Code, Revised Penal Code, Rules of Court).

SPOT (React, Spring Boot, MySQL, Android/Kotlin) ([SPOT.git](#))

- Built a comprehensive classroom management and attendance tracking platform enabling teachers to manage digital seating arrangements, track attendance via QR codes and facial recognition, and generate analytics reports.
- Engineered a full-stack multi-platform application using React/TypeScript with Shadcn UI for the web frontend, Spring Boot with Java for the REST API backend, MySQL for data persistence, and native Android (Kotlin) for the mobile app, featuring JWT authentication and Google OAuth integration.

FinApp (React, Spring Boot, MySQL) ([FinApp.git](#))

- Built a full-featured e-commerce platform for premium apparel shopping tailored for the Philippine market.
- Engineered a complete full-stack application using React for the frontend, Spring Boot with Spring Security for the backend, and MySQL for the database, featuring JWT authentication, shopping cart management, order processing with cancellation capabilities, role-based access control (admin/user), and Philippine-localized shipping with barangay-level address support.

CERTIFICATIONS AND ACHIEVEMENTS

- **Amazon Web Services**
 - AWS Academy Graduate - AWS Academy Cloud Foundations
 - AWS Academy Graduate - AWS Academy Cloud Architecting

EDUCATION

Cebu Institute of Technology-University – Bachelor of Science in Information Technology	2022-2026
Cebu Institute of Technology-University - Senior High School (STEM)	2020-2022
• Graduated with Honors	