*Last updated in Nov 2026*

# Christina

Software Engineer | Angular, React & Spring Boot

Jakarta, Indonesia (UTC+7) | Open to remote | chrislinlin.cl@gmail.com | 0821-6900-3833
christina-atelier.web.id | linkedin.com/in/christina-120500 | github.com/chris-tinaa

## Professional Summary

Software Engineer with 3+ years building Angular/TypeScript and Spring Boot applications for vehicle financing. Core contributor to a loan-origination platform used by 3,800+ internal users across 50+ branches. Focused on production reliability, testable business logic, and API integration; also delivers Android (with Kotlin) client applications.

## Professional Experience

**IT Development & Software Engineer Specialist**, BCA Finance — Mar 2025 – present

- Developed Angular/TypeScript features for a loan-origination platform serving 3,800+ internal users across 50+ branches, covering application entry, prescreening, matching, and branch approvals.
- Reduced WebSocket-related support tickets by approximately 40% by fixing STOMP duplicate connections, reconnect failures, runaway retries, subscription leaks, and missing timeout states.
- Eliminated recurring regressions seen over 10 sprints by strongly typing shared pending-note and change-tracking models, exposing incompatible changes at compile time.
- Refactored prescreening and loan-form business rules into typed, side-effect-free policies and mappers with traceable rejection reasons; backed critical scenarios with 60+ unit tests.
- Migrated an internal admin CMS from Angular 11 to Angular 21, updating dependencies, UI templates, styles, Node tooling, and CI/CD pipelines; shipped to production in two weeks.
- Built Python/FastAPI security prechecks for IDOR, API access control, storage-bucket permissions, and HTTP/TLS configuration; screened 200+ endpoints ahead of vendor penetration tests and retests.
- Partnered with business analysts and QA to clarify requirements, negotiate delivery scope, document workflows, and resolve production issues reported by branch users.

**Application Development Staff**, BCA Finance — Feb 2024 – Mar 2025

- Published SQL Server CDC events to Solace using Spring Boot and embedded Debezium; developed a consumer for partner-system sync.
- Built Angular application and Spring Boot APIs for vehicle documents (BPKB) deliveries, dashboards, and reporting, with Spring Security permissions, audit trails, and Solace messaging. Codebase is used as a template for future Angular/Spring Boot applications.
- Implemented GPS and cellular geolocation capture in the Android survey app to record where each survey is performed, supporting fraud prevention.
- Integrated an multiple e-invoice web-views repositories (reverse proxy, session cookies, auth refresh, browser-back handling, camera capture) and documented its flow.
- Added image compression to the Android field-survey app, reducing photo upload size by ~70%, and started its migration to Jetpack Compose with MVI architecture.

**IT Development Program (Graduate Trainee)**, BCA Finance — Mar 2023 – Feb 2024

- Completed a rotational engineering program, building Angular, Spring Boot, and Android training applications for financing workflows.

## Selected Projects

**Warehouse Management System (Client Project)** Jan 2024

- Designed and built a production Next.js/React/TypeScript dashboard for inventory, sales, and invoicing, integrating a partner-built Go/Fiber API.
- Built a Kotlin Android stock-checking app with CameraX/ML Kit scanning, Room-backed drafts, and Retrofit batch updates; used by the client.

**Threads Constellation** Oct 2026

- Built a Cloudflare Workers/D1 sync pipeline within a 45-request Threads API budget per minute, using SHA-256 to avoid unchanged writes, gzip-compressed snapshots, and edge caching; rendered 1,000+ posts as an interactive Canvas conversation graph.

**Christina Workroom - Portfolio & CV Automation** Nov 2026

- Built an Astro portfolio and GitHub Actions / Python / RenderCV automation that proposes two CV variants in draft pull requests using public-safe journal entries reviewed before publishing.

## Technical Skills

**Frontend:** Angular (11-21), React, Next.js

**Backend:** Spring Boot, C#/.NET

**Integration & Data:** REST APIs, WebSocket/STOMP, Debezium CDC, Solace, SQL Server, PostgreSQL, Cloudflare D1

**Testing & Delivery:** Jasmine/Karma, Playwright, SonarQube, GitLab CI/CD, GitHub Actions, Docker

**Android:** Kotlin, Java, CameraX, ML Kit, Room, Retrofit

**AI & automation:** Hermes Agent, workflow automation (n8n), MCP, Claude Code, GitHub Copilot, Hugging Face

**Languages:** Indonesian (native), English (professional working proficiency)

## Education

**Telkom University**, B.Eng in Informatics Aug 2018 – Apr 2022

- "CGPA: 3.87 / 4.00"

## Achievements

- UI/UX Competition Runner-Up — Smart IT Fest 2020
- Top 20 Finalist of BRI Hackathon - 2020
- OSC MetroTV News Scholarship Awardee (Fully-funded Scholarship in Telkom University) — 2017

## Publication

**Book Recommender System Using SVD Combined with Slope One Algorithm** Jan 2022