

Marco Linardi

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SUMMARY

All-round software engineer who ships across the whole stack — web front ends (React/Next.js), backends (NestJS, FastAPI, Laravel), real-time systems, and cross-platform games (Kotlin/libGDX, Tauri). Owns features from UI to API to database and deployment, with strong CS fundamentals. Seeking a software engineering role.

SKILLS

Languages: TypeScript, JavaScript, Python, Kotlin, PHP, Go, C++, SQL

Frontend: React, Next.js, Vue, Tailwind CSS, Framer Motion

Backend: NestJS, Node.js, FastAPI, Laravel, Socket.IO, REST APIs, WebSockets

Game / Systems: libGDX, Tauri, tile/entity systems, game loops, MVVM

Data & Infra: PostgreSQL, Redis, Prisma, TypeORM, Firebase, Docker, Docker Compose, nginx, Vercel, Git

Practices: Authentication (JWT / OAuth / OTP), Authorization Policies, Microservices, Clean Architecture, Testing

EXPERIENCE

Laboratory Assistant

Bina Nusantara University (BINUS)

Aug 2024 – Feb 2027

Jakarta, Indonesia

- Mentored students through real-world software projects, guiding architecture and implementation decisions.
- Authored case-based teaching materials and delivered lab lecturing sessions on core CS topics.

PROJECTS

MonoClip — AI Desktop Video Editor

2026

github.com/Mr-coo/MonoClip

- Co-built a cross-platform desktop editor (Tauri 2 + React 19 + Rust + Python) with timeline editing, FFmpeg export, and local AI features.
- Wired a React UI to native Rust/Tauri commands and a Python FastAPI service; added email-OTP and Google/GitHub OAuth (JWT). PKM-KC 2026 team project.

Epic Math Saga — Mobile Strategy Game

2025

github.com/Mr-coo/EpicMathSaga

- Built a cross-platform Kotlin/libGDX game with a shared core decoupled from Android via a platform-adapter interface.
- Implemented tile-based battle/home maps, entity and stage-manager systems, and Firebase Auth + Firestore for cloud accounts (Android MVVM).

Mygamatotor — Real-Time Multiplayer Platform

2026

github.com/Mr-coo/Mygamatotor

- Built a NestJS + Socket.IO backend with a server-side game-room manager and a React frontend in a Prisma/Postgres monorepo.
- Secured both REST and WebSocket layers with JWT, including custom socket-handshake authentication and ownership-based authorization.

EDUCATION

B.Sc. Computer Science & Mathematics

Bina Nusantara University (BINUS)

2023 – 2027

Jakarta, Indonesia

- GPA 3.73. Relevant coursework: Data Structures & Algorithms, Databases, Software Engineering.

HONORS & AWARDS

- **MAPID See It** — Top 50 Finalist (National, 2026): AI + geospatial web platform.
- **ICPC** — International Collegiate Programming Contest participant (International, 2025).
- **Alibaba Cloud** — National competition participant, full-stack developer (2025).