

# Amar Muminović

## Full-Stack & Mobile Engineer

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### SUMMARY

Full-stack and mobile engineer with three years of professional experience across Flutter, TypeScript/Next.js and .NET. Sole developer of a Norwegian auction marketplace's mobile app at P23, and backend and Angular work on a UK financial platform at CreditGenius. Built and published FitMind AI, an AI fitness coach, to Google Play on my own — app, Firebase backend, payments and release. I like features I can own end to end, from database schema to mobile UI.

### EXPERIENCE

#### Software Development Intern — P23 d.o.o.

Jan 2023 – May 2023

*Remote*

- Mentored internship with reviewed code and a Git pull-request workflow; learned React and Flutter here, then moved onto client work.

#### Junior Full-Stack Developer, Mobile & Web — P23 d.o.o.

Jun 2023 – Jan 2026

*Remote*

- Built in-app chat and group messaging on Firestore for Corner Table, a hospitality platform delivered as an MVP to its New York founders, with role-aware replies so only permitted roles answer for a venue.
- Built the venues and cities sections, and the registration, profile and edit-profile flows (registration with a colleague).
- Implemented Firebase Cloud Messaging end to end: device-token registration and refresh, with each notification type routed to the right screen.
- Sole Flutter developer for the GiBud auction marketplace app, from architecture and BLoC state management through to checkout.
- Built live bidding over Ably, so price, bid history and countdown update while a screen is open.
- Implemented checkout as a single Prisma transaction that creates purchases, snapshots each item's title and image, and clears the cart.
- Built versioned REST endpoints for the mobile client covering auctions, bids, cart, checkout and purchases.
- Added on-device SQLite caching, Cloudflare R2 media storage, chat endpoints and a seller invoice designer.
- Supported three colleagues on the team when they got stuck, and reviewed pull requests.

[Corner Table — case study](#) · [GiBud — case study](#)

#### Full-Stack Developer (contract, remote) — CreditGenius

Jan 2025 – May 2026

*Remote · UK company*

- Built automatic re-collection of failed micro-loan repayments, so a failed payment is retried on a schedule instead of being dropped.
- Built and maintained ASP.NET Core services with Entity Framework over SQL Server, including schemas, queries and stored procedures.
- Implemented business logic, REST endpoints and payment and subscription workflows in production.
- Built Angular features and internal tools, plus AWS S3 file storage, PDF report generation and transactional email with Amazon SES.

[CreditGenius — case study](#)

PROJECTS

FitMind AI

2025-2026

Sole engineer (product, app, backend, website) · Live on Google Play since July 2026

- Designed, built and published the app alone: the product, the Flutter app, the Firebase backend, the website and the payment flow.
- Payments through Lemon Squeezy as merchant of record, because Google Play merchant payments are not available to developers in Bosnia and Herzegovina; a webhook keeps subscription state in Firestore.
- Took the app through the full Google Play release process alone: internal testing, then closed testing, then open testing, then production.
- 24 Cloud Functions running plan generation, adaptation, workout analysis, exercise substitution, the coach chat and scheduled reminders.

[Project details & screenshots](#) · [Google Play](#) · [Live site](#)

**Tech:** Flutter · Dart · BLoC · Firebase · Cloud Functions · Firestore · OpenAI · Lemon Squeezy · React · TypeScript

AI Interview Coach

2026

Sole engineer · Complete; runs locally, not publicly deployed

- Built the low-latency voice loop with Groq Whisper for speech-to-text and a streaming model for replies, while the browser speaks them.
- Used Claude for the deeper work — job analysis and the post-call report — and validated both with Zod before saving.
- CV parsing for PDF, DOCX and TXT that stores extracted text only, no binaries.

[Project details & screenshots](#)

**Tech:** Next.js 16 · TypeScript · Auth.js v5 · PostgreSQL · Prisma · Claude · Groq · Zod

Agentic Video Editing — with TikTok Agent Control

2026

Sole engineer · In progress; produces finished clips for review

- Built an ExtendScript file-IPC bridge so an agent can run After Effects operations unattended and read structured results back.
- Proved the loop with an injected fault — a text layer placed off-centre that only a rendered frame reveals; the agent finds and fixes it.
- Delivered a finished 26-second vertical clip with cut, captions, treatments and cutaways, exported for review.

[Project details & screenshots](#)

**Tech:** TypeScript · Anthropic SDK · Zod · After Effects · ExtendScript · ffmpeg

AAFAS — AI Financial Adviser

2026

Co-developer (team of two) · Prototype

- Built the Claude orchestration with tool use, so every figure comes from deterministic Python detectors rather than the model.
- Built the anomaly and duplicate-service detectors, including an income-adjusted baseline.

[Project details & screenshots](#)

**Tech:** Python · FastAPI · Claude API · Firebase · TrueLayer · Next.js 14

TECHNICAL SKILLS

|               |                                                                                            |
|---------------|--------------------------------------------------------------------------------------------|
| Mobile        | Flutter, Dart, BLoC, go_router, get_it, Firebase SDK                                       |
| Frontend      | React, Next.js (App Router), TypeScript, Angular, Tailwind CSS, shadcn/ui                  |
| Backend       | Node.js, Express, ASP.NET Core, C#, FastAPI, Python, REST APIs, Entity Framework           |
| Databases     | PostgreSQL, SQL Server, MongoDB, SQLite, Firestore, Prisma, Drizzle                        |
| AI / LLM      | Claude API, OpenAI API, tool use, structured output with Zod, Groq Whisper, prompt design  |
| Cloud & Tools | Firebase, Firebase Cloud Functions, AWS S3, Amazon SES, Cloudflare R2, Vercel, Docker, Git |

EDUCATION & LANGUAGES

Faculty of Information Technologies, Džemal Bijedić University of Mostar

Current

Undergraduate studies, first year

Mješovita srednja škola Gornji Vakuf

2025

Secondary school

Graduation project: Biblioteka, a school library system.

**Languages** Bosnian — Native · English — Fluent