

# Andrei Gulin

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## Experience

**Software Developer (Internship)**, Mindhive Oy – Finland, Mikkeli January 2024 – June 2024

- Built 2 responsive web applications using Next.js and Firebase, serving 100+ daily users.
- Collaborated in agile sprints with 6-person team.
- Wrote 50,000+ lines of production code, implementing clean architecture patterns.
- Developed cross-platform mobile applications using React Native and Flutter for iOS/Android deployment.

## Projects

**Personal Portfolio Website** (2 months) [andebugulin.github.io](https://andebugulin.github.io)

- Customized the open-source [al-folio Jekyll theme](#) to create a personal portfolio and a blog.
- Built 2 custom pages with enhanced functionality and added multilanguage support.

**GaleriYah (Avant-Garde Photography Portfolio)** (3 months) [GaleriYah|GitHub](#)

- Developed Admin page for easier usage of gallery.
- Implemented a seamless integration with Flickr and Supabase.

**ArchBlocker (local website blocker for Linux)** (1 month) [ArchBlocker|GitHub](#)

- Built a Flask REST API backend with React for productivity and focus management.
- Implemented Linux system integration using hosts file modification and systemd services for reliable operation.

**Awareen (Screen Time Awareness App)** (2 months) [Awareen|GitHub](#)

- Built fully in Kotlin with a service-based architecture and custom permissions handling.
- Published a signed release version and gathered more than 100 users through my distribution channels.

**Planirium Bot (Time Management Solution)** (3 months) [telegram\\_bot|GitHub](#)

- Streamlined daily planning for 50+ users.
- Deployed and managed in the cloud.
- Built with Python and Aiogram framework.

**Ankara (Enhanced Flashcard Learning System)** (3 months) [Ankara|GitHub](#)

- Integrated multi-language TTS with auto-detection and optimized data processing for large datasets (1000+ cards).
- Designed data collection system to generate learning behavior datasets for ML / neural network research.
- Built with Python and Pygame framework.

## Skills

**Frontend:** React, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, Kotlin/Java, React Native, Flutter

**Backend:** Node.js, Python, Flask, Firebase, REST APIs, Rust, WASM

**Databases:** PostgreSQL, MongoDB, Supabase, Firestore

**Tools:** Git, Docker, AWS, Linux, Vercel, Netlify

**Certifications:** DeepLearning.AI, Yandex Lyceum, AWS Academy Cloud Foundations – Amazon Web Services, Network Security – Cisco

## Education

**XAMK University** – BS in Information Technology (2025)