

# Amir Ghari

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## SUMMARY

I am a responsible and adaptable professional, committed to taking on challenges and fulfilling my duties effectively. I thrive on learning continuously and aim to create meaningful improvements in services that benefit people. My goal is to leverage my skills to contribute positively to the world around me.

## EDUCATION

### Bachelor of Engineering in Information Technology

Metropolia University of Applied Sciences · Helsinki, Finland · 2025 · 4.69

- Majored in Software Engineering
- Web & mobile development; OOP and software design principles
- Readable, maintainable, modular code; code reviews & testing
- Team projects from scratch to release (requirements → architecture → deployment)

## SKILLS

**Programming:** Javascript(React JS, React Native, Next JS, Express Js), CSS(Chakra UI, Radix UI, Tailwind), Java, Kotlin, Python(Fast API), Database(MongoDB, Mysql (Prisma), PostgreSQL)

CI / CD: Docker, Jenkins, Git

## EXPERIENCE

### Software Developer

Metropolia University of Applied Sciences

May 2025 - Present, Helsinki, Finland

- **1. Designed and implemented RESTful APIs using FastAPI and PostgreSQL** to consolidate student data for multiple user roles (superusers, staff, assistants), supporting GDPR compliance and external integrations.
- **2. Developed fine-grained, role-based access control with full audit logging** for sensitive workflows like authority contact logging and communication tracking.
- **3. Led the CI/CD pipeline setup**, using GitLab CI and Docker to automate build, test, and deployment stages. Deployed both backend and frontend containers on Metropolia's eCloud (Ubuntu-based VM).
- **4. Managed Agile sprint tasks**, maintaining a detailed backlog to prioritize features, bugs, and frontend/backend alignment.
- **5. Defined API contracts and supported the React frontend team** by testing UI components related to student enrollment, note-taking, and status visualization.

### Software Developer Trainee

Skania Oy

October 2024 - February 2025, Turku, Finland

- **1. Developed and optimized UI/UX features** using React.js to enhance user experience.
- **2. Assisted in troubleshooting and debugging issues**, ensuring smooth system functionality.
- **3. Collaborated with cross-functional teams** in an Agile development environment.
- **4. Strengthened problem-solving skills** by analyzing and resolving software issues effectively.

## PROJECTS

### Learn Meter

Personal Interest · [learn-meter.vercel.app](#)

- **1. Goal Management & Tracking:** Users can create, update, and track goals with statuses (JUST\_SET, IN\_PROGRESS, DONE, POSTPONED), visualized via charts and a calendar.
- **2. Authentication & Access Control:** Uses NextAuth.js for user authentication and session-based access control, ensuring a secure and personalized experience.
- **3. Tech Stack & Database:** Built with Next.js (App Router), Prisma ORM, Recharts, and Radix UI, with PlanetScale(or alternative) as PlanetScale (or (or (or (or (or database.
- **4. Upcoming Fixes & Improvements:** Fix Sentry integration issues, resolve npm permission errors, implement automatic sign-in redirection, and enhance mobile responsiveness.

### Task Beat

Metropolia University of Applied Sciences · [github.com/amirghari/Task-Beat](#)

- **1. Built with Kotlin & Jetpack Compose** – Developed using Kotlin and Jetpack Compose, ensuring a modern, efficient, and scalable Android application with a responsive UI.
- **2. Comprehensive Health Monitoring** – Logs essential health data, including weight, blood pressure, glucose levels, and water intake, with heart rate tracking via the phone's camera.
- **3. AI-Powered Task & Health Recommendations** – Utilizes the Gemini Gemma-2-2B Model to provide personalized suggestions for wellness and productivity.
- **4. Secure Authentication & Data Management** – Implements Firebase Authentication with Google OAuth for seamless login and Firestore + Room Database for local and cloud storage.

### Game Hub

Personal Interest · [game-hub-nine-olive.vercel.app/](#)

- **1. A single-page application (SPA)** including the Rawg API to provide users with a comprehensive list of games with sorting functionality.
- **2. Frontend:** React, TypeScript: React facilitates scalable and component-based development, while TypeScript ensures type safety, leading to a robust and error-resistant codebase that supports a modern front-end architecture.
- **3. API:** Rawg API: Leveraging the Rawg API accelerates access to a vast game database, enabling the delivery of rich content without local data maintenance, thus optimizing focus on feature development and user experience enhancement.

### Earth

Metropolia University of Applied Sciences · [github.com/amirghari/Event\\_Manager](#)

- **1. Built as a full-stack platform** to enhance user engagement by providing a convenient way to organize, discover, and join outdoor activities and fosters a community-driven environment that encourages adventure and active living.
- **2. Frontend:** React, styled using Chakra UI: Chakra UI ensures consistent and visually appealing user interfaces.
- **3. Backend:** Express with TypeScript: Express combined with TypeScript ensures a robust and well-structured server-side codebase, allowing for effective request handling, and easier maintenance, contributing to a reliable backend architecture.
- **4. Database:** MongoDB: MongoDB supports efficient storage and retrieval of user and event data, providing scalability and flexibility.