

ONUR KAPUCU

Software Engineer | Indie Developer | Product Creator

Tampere, Finland | kapucuonur@hotmail.com | +358 442359429

[Portfolio](#) | [GitHub](#) | [LinkedIn](#)



SUMMARY

Versatile Software Engineer with 3+ years of experience bridging the gap between **Web, Native, and Hardware** technologies. Proven track record of building and launching commercial products across **macOS (Swift)**, **Wearable Tech (Garmin)**, and **Web (React/Node.js)** ecosystems. Specialized in solving complex system-level problems and creating AI-powered SaaS solutions.

EXPERIENCE

Indie Software Engineer & Product Creator

Self-Employed / Nov 2022 – Present

- Designed, developed, and launched multiple commercial applications across Desktop, Mobile, and Web platforms.
- Engineered a native macOS utility (**WatchToMac**) solving critical file transfer issues for M1/M2/M3 chips using **Swift** and low-level system programming.
- Developed a specialized wearable health app (**Ice Bath Tracker**) for Garmin devices using **Monkey C** and embedded systems logic.
- Built and scaled **Learn-Finnish.fi**, an AI-powered SaaS platform, integrating Stripe payments and Google Gemini AI.

Outlier AI – AI Training Specialist

Remote / 2024

- Optimized internal AI workflows by building custom dashboards using **Flask** and **GroqAPI**, increasing team productivity by 25%.
- Collaborated on RLHF (Reinforcement Learning from Human Feedback) pipelines to improve LLM code generation accuracy.

Full Stack Developer – Upwork

Freelance / 2022 – 2024

- Delivered 30+ full-stack web projects with 100% client satisfaction, specializing in React frontends and Python automation scripts.

FEATURED PRODUCTS (ENGINEERING SHOWCASE)

💻 WatchToMac (Native macOS App)

- **Problem:** "Android File Transfer" software is broken on Apple Silicon Macs, blocking Garmin users from accessing files.
- **Solution:** Built a native Swift application that mounts Garmin devices as local drives.
- **Tech:** Swift, SwiftUI, AppKit, System Programming, USB/MTP Protocols.

⌚ Ice Bath Tracker (Wearable App)

- **Problem:** Lack of specialized tracking for cold exposure therapy on Garmin watches.
- **Solution:** Developed a Connect IQ app monitoring real-time heart rate and skin temperature changes.
- **Tech:** Monkey C, Garmin CIQ SDK, Embedded Sensor Data.

🌐 Learn-Finnish.fi (AI SaaS Platform)

- **Solution:** An interactive language learning platform generating custom stories via AI.
- **Tech:** Next.js, React, Google Gemini AI, Stripe API, Firebase.

TECHNICAL SKILLS

- **Native & Mobile:** Swift, SwiftUI, Flutter, Dart, Monkey C (Garmin), Xcode, VS Code.
- **Frontend:** React.js, Next.js, TypeScript, TailwindCSS, Redux.
- **Backend:** Node.js, Python, Express, Flask, REST APIs.
- **AI & Tools:** TensorFlow, OpenAI/Gemini APIs, Docker, Git, Firebase, PostgreSQL, OBS, CapCut.

LANGUAGES

- **English:** Advanced (C1)
- **Turkish:** Native
- **Finnish:** Intermediate (B1)