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Maximilian Hvesser-Lewis
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Employment

Owner & Full Stack Developer	Hval	Jan 2024-Present

Bangkok, Thailand

Hval is a Web Development Agency I started to offer my technical expertise to clients through development services. As a full stack developer, I handle every aspect of project development—from database design and API integration to backend and frontend development, ensuring a seamless user experience. In addition to development, I'm responsible for attracting and securing new clients by creating proposals and sales documentation.

Senior Software Engineer	Vipps MobilePay	Jun 2021-Dec 2023

Oslo, Norway & Vancouver, Canada

- Led a financial service project, developing a credit product for Android users and managing the entire tech stack.
- Transitioned the core payment flow UI from XML to Jetpack Compose, modernizing and boosting performance.
- Improved the payments flow architecture by creating standardized helper classes.
- Maintained a rigorous release schedule, handling the end-to-end release process, monitoring crash reports, and addressing issues.

Senior Android Developer	FINN.no	Jun 2019-May 2021

Oslo, Norway

- Developed an open-source image gallery library, integrated into the production app and available on my Github.
- Led a project to add a notification system to the app. Created a new feature module for networking, push notifications, local persistence, business logic, and UI.
- Designed and implemented key app components, modernizing the app's appearance and increasing user engagement and ratings.

Lead Android Developer	DTT	Aug 2017-May 2019

Amsterdam, the Netherlands

- Guided and mentored a team of developers, overseeing the development of high-quality, cost-effective Android applications from inception to delivery.
- Architected Android applications for clients.
- Created precise project quotes and reports based on app requirements and design, meeting project duration and cost demands.

Software Engineer	DTT	Aug 2016-Jul 2017

Amsterdam, the Netherlands

- Developed native Android apps for various clients as a consultant.
- Developed new features for existing applications and conducted assessments of code quality in established codebases.
- Showcased my expertise in Android development with the use of networking, database storage and persistence, push notifications, interface design, background services, concurrency management, and connectivity.

Education

Plymouth, England	University of Plymouth	Sep 2014-May 2017

- BSc (Hons) Computer Science

Stoke-on-Trent, England	Staffordshire University	Sep 2011-May 2014

- BSc (Hons) Psychology

Projects

Temperature check
https://www.temperature-check.com

- Created a full stack web application using NextJS with Typescript.
- Utilized TailwindCSS and TailwindUI to create an intuitive user interface.
- Developed a platform to interpret temperature readings across multiple conditional variables.

Crime Connoisseur
https://www.crimeconnoisseur.com

- Created a full stack web application using NextJS, and Supabase with Typescript and SQL.
- Utilized TailwindCSS and TailwindUI to create an intuitive user interface.
- Utilized TanStack Query for state management.
- Developed a podcast client and platform, users can discover, listen to and review podcast episodes.

Swap
https://github.com/maxhves/swapx-android
https://github.com/maxhves/swap-ios

- Created a native Android and native iOS mobile application with Kotlin and Swift.
- Utilized networking to sync with the latest exchange rate data via an API, subsequently storing the rates locally for quick, and offline conversions.
- Utilized Compose and SwiftUI for rapid user interface development.
- Deployed and released to the App Store and Play Store.
- Developed a currency exchange application, useful for understanding the exchange rate between two user-selected currencies.

Technical skills

Mobile Developement

- Languages: Kotlin, Java, Swift, Objective-C.
- Libraries: Compose, Room, Coroutines, Retrofit, Hilt, Glide, Material.
- Database: SQLite, Supabase, Firebase.

Web Development

- Languages: JavaScript, Typescript.
- Frameworks: NextJS, TailwindCSS.
- Libraries: ReactJS, TanStack Query.
- Database: Supabase, Firebase, Postgres.

Interface Design

- Languages: LaTeX, Typst.
- Tools: Figma, Adobe Photoshop, Sketch.