Ernest Hysa - Junior Full-Stack Developer

Contact Information

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- **LinkedIn**: https://linkedin.com/in/ernesthysa
- **GitHub**: https://github.com/ErnestHysa
- **Portfolio**: https://ernesthysa.github.io/
- **Location**: Kos, Greece (Available to relocate to Ireland immediately)
- **Right to Work**: EU Citizen – Full right to work in Ireland & EU without visa sponsorship

Professional Summary

Highly motivated and results-driven Junior Full-Stack Developer with a strong foundation in modern web technologies, including React, TypeScript, and Next.js. Proven ability to build and deploy complex, AI-integrated applications, demonstrated through three major personal projects and 500+ GitHub contributions in the past year. Seeking an entry-level or junior developer role in the dynamic Irish tech sector to leverage technical skills and 8+ years of professional experience in high-pressure customer-facing environments.

Technical Skills

Category	Technologies
Languages	JavaScript (Advanced), TypeScript (Comfortable), HTML5, CSS3, SQL, Python
Frontend & Frameworks	React, Next.js 16 (App Router), React Native (Expo), Tailwind CSS, Radix UI, Shadcn/UI, Framer Motion
Backend & Databases	Node.js, Supabase (PostgreSQL, Auth, RLS), REST APIs, Stripe Payments
AI & Tooling	Google Gemini API (Flash/Pro), Search Grounding, Git/GitHub, Vercel/Netlify, Jest/Vitest, Playwright E2E, PWA
Currently Exploring	React Server Components, Node.js full backend, Advanced testing, CI/CD

Technical Projects (Showcasing Full-Stack Capability)

- Note: Live demos and full source code are available on my Portfolio and GitHub.

NightStreaming - AI Movie & Anime Recommendations (Oct 2025 – Present)

- Developed a full-stack Progressive Web App (PWA) using React and TypeScript for personalized media discovery.
- Integrated Gemini AI to process user feedback (likes/dislikes/seen) and viewing history, generating highly personalized and dynamic recommendations.

- Engineered a robust Services Layer with production-safe logging, centralized error handling, and network retry utilities.
- Implemented advanced features including Multi-Profile support and a secure Collections system, demonstrating proficiency in Supabase Row Level Security (RLS) and state management.

Veritas AI News - Unbiased News Aggregator (Nov 2025 – Present)

- Created a news analysis engine using React 19, TypeScript, and Gemini 2.5 Flash with Google Search Grounding to combat media bias.
- Designed a Zero-Perceived-Bias Protocol that explicitly seeks out and synthesizes information from diverse political sources (Left, Center, Right).
- Developed a proprietary Credibility Scoring System (0-100) for aggregated narratives and individual source assessments (1-10).

LinguaDuel - Gamified Language Learning Platform (Dec 2025 – Present)

- Built a full-stack language learning platform using Next.js 16 (App Router) and TypeScript, featuring gamified lessons and real-time duels.
- Managed user authentication and data persistence using Supabase Auth and PostgreSQL.
- Integrated Stripe for payment processing to manage premium subscriptions, demonstrating experience with e-commerce integration.
- Utilized Jest and Playwright to achieve comprehensive testing coverage for both unit and end-to-end functionality.

Additional Public Repositories (Showcased on Portfolio)

- **Parallel Story Builder**: Collaborative mobile storytelling app for couples using React Native (Expo), TypeScript, Supabase, and Gemini AI.

- **Virtual Pet Co-Parent**: Shared virtual pet simulator with real-time stats and mini-games, built with React Native (Expo v52).

- **Kos Taxi App**: Full-stack ride-hailing prototype with passenger booking, driver dashboard, and payment integration using React (Frontend), Flask/Python (Backend), Stripe, and PostgreSQL.

Education & Certifications
- Vocational Certification in Web Development, Game Design & Media | IEK AKMH, Greece | 2021 – 2022
- Completed the full curriculum and all academic requirements for the program, demonstrating a comprehensive understanding of web and game development principles.
- Received a formal certification of course attendance and completion of all lessons.

- Vocal Training Certification | Web Development and Media | 2022
- Certification in web development and media, further supplementing technical knowledge.

Professional Experience (Transferable Skills)

- Seasonal Waiter | Various Hospitality Establishments, Kos, Greece | 2016 – 2025 (9 Seasons)
- Customer Service & Communication: Consistently delivered exceptional service in high-volume, fast-paced environments, resulting in positive customer feedback and repeat business.
- Problem-Solving: Quickly and effectively resolved customer issues and operational challenges, demonstrating strong composure and critical thinking under pressure.
- Teamwork & Reliability: Collaborated effectively with large, diverse teams to ensure smooth service delivery during peak seasonal periods over eight consecutive years.

References

Available upon request.