

Yehya Allawand

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SUMMARY

Full Stack Software Engineer with 3+ years of experience designing and developing scalable web applications across diverse projects in an IT outsourcing environment. Skilled in building performant and maintainable systems using React, TypeScript, Next.js, Node.js, Java (Spring Boot), Rust, and SQL. Experienced with AWS and Terraform for cloud-based deployments and infrastructure as code. Passionate about creating robust, user-centered solutions through clean architecture, AI-assisted development workflows, and modern DevOps practices.

WORK EXPERIENCE

Nix Tech- FullStack Software Engineer

October 2023 - June 2026

Hungary

- Developed and maintained full-stack web applications for multiple clients across industries, using React, Next.js, TypeScript, Node.js, Java (SpringBoot) and SQL.
- Built and integrated scalable RESTful APIs, connecting multiple services and third-party systems.
- Built responsive, accessible, and high-performing UI components aligned with modern UX standards, improving frontend performance and maintainability.
- Automated infrastructure provisioning and deployments using Terraform and AWS services
- Collaborated with cross-functional teams in Agile environments to deliver on-time, client-specific solutions.
- Participated in code reviews, CI/CD pipeline improvements, and general codebase maintainability efforts.

EDUCATION

University of Debrecen- B.S., Biology

September 2019 - June 2021

Hungary

Matn University College- Diploma, Programming Mastery

April 2024 - January 2025

Lebanon

SKILLS

Languages & Frameworks: JavaScript, TypeScript, Java, Spring Boot, Rust, Node.js, React.js, Next.js

Databases & Tools: SQL (PostgreSQL), NoSQL (MongoDB), Redis, BullMQ, ORMs (Knex.js, Prisma)

DevOps & Cloud: AWS, Terraform, Docker, Kubernetes, Git, CI/CD, REST APIs, WebSockets, AI Coding Assistants (Claude, Codex, Copilot, Cursor).

PROJECTS

Branchly (www.branchly.app) - Visual Knowledge Maps

- Developed a full-stack web application for creating interactive visual knowledge maps.
- Built using Next.js for a responsive frontend and server-side rendering, integrated with a PostgreSQL database via Prisma ORM, payment with Polar and deployment with Vercel.

OpenSync (github.com/yehyal/opensync) - Shared Clipboard Manager

- Engineered a high-performance cross-platform shared clipboard manager utilizing Rust.
- Leveraged Rust's memory safety and concurrency features to handle seamless, system-level clipboard

synchronization across devices.

Multiplayer Card Memory Game - Full Stack App

- Built a monolithic full-stack web app (Next.js, Node.js/Koa, PostgreSQL, Redis) featuring multiplayer gameplay via WebSockets and Stripe payments.
- Implemented background jobs with BullMQ, containerized with Docker, and managed deployments using Terraform and local Kubernetes.