

Yousif Abdulkarim

LEAD BACKEND DEVELOPER & OPEN-SOURCE FOUNDER — TYPESCRIPT & NODE.JS

Lead developer and open-source founder who owns products from start to finish — from planning and design to building and shipping modular monoliths and developer-first backend tools.

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LANGUAGES

English	Fluent
Swedish	Native

SKILLS

Backend	TypeScript, JavaScript, Node.js, REST APIs, NestJS, GraphQL
Frontend	React, Next.js, TanStack Query, TanStack Start, Redux, PWA
Databases	PostgreSQL, MongoDB, SQLite, Redis, MySQL
Testing & DevOps	Docker, GitHub Actions, SSH, VPS, Nginx, Test Automation
Architecture	Adapter Pattern, Modular Monoliths, Majestic Monoliths, Service Pattern, Event Sourcing, Caching

EXPERIENCE

eridu-tech (Open Source)
Founder & Lead Maintainer

Aug 2024 — Present

After seeing teams constantly rebuild the same core capabilities across different frameworks and runtimes, I founded eridu-tech to provide a unified backend foundation. Owning product direction, architecture, DX, and delivery, I've grown it to serve 600+ monthly developers.

- Founded and maintain eridu-tech, an open-source composable backend foundation toolkit for TypeScript, now used by 600+ monthly developers.
- Shipped 30K+ lines of production TypeScript in a 50k-line codebase, backed by 4,640+ integration and conformance tests.
- Replaced repeated infrastructure code with reusable caching, rate limiting, distributed locking, circuit breakers, and event-bus components behind stable adapter contracts.
- Designed an adapter-first architecture so the same components run on Node.js, Bun, Deno, serverless, and edge runtimes.
- Automated CI/CD with GitHub Actions workflows covering Docker tests, linting/code-quality checks, formatting checks, package deployment, and API & website documentation.
- Improved adoption by owning API design, documentation, and developer guides alongside the implementation.

600+ monthly developers

30K+ lines of TypeScript shipped

4,640+ integration & conformance tests

20 maintained backend components

45 maintained adapters

93 releases

TypeScript

Node.js

PostgreSQL

MongoDB

MySQL

Redis

SQLite

Docker

GitHub Actions

Adapter Pattern

Modular Monoliths

FillerDepot

Lead Developer | Technical Product Owner

Oct 2025 — Present

A manual email-based event-registration workflow was causing lost information and booking conflicts. I took ownership of product and technical delivery and led the AMS Portal from requirements to deployment, turning the process into a centralized booking and registration system now used by 50 exhibitors.

- Turned unclear business needs into requirements, priorities, and shipped features, keeping delivery moving without dedicated QA or project-management support.
- Replaced the manual email workflow with the AMS Portal, giving the summit a centralized system for registration and eliminating the data loss and booking conflicts caused by the old process.
- Digitized booth bookings, booth asset purchases, marketing asset purchases, and speaker submissions, replacing scattered email coordination with a single unified workflow.
- Reduced manual operational work by adding automated invoicing, order tracking, and live inventory management.
- Built the platform as a modular monolith with Next.js, Payload CMS, TanStack Start, and PostgreSQL, then deployed and operated it on a VPS with Docker, Nginx, and SSH.

59 exhibitors onboarded

117 invoice and contract documents generated

55 orders processed

20 invoices issued

17 of 21 speaker submissions received

34 booth assets available for purchase

TypeScript

React

Next.js

Tailwind CSS

Payload CMS

TanStack Start

TanStack Query

PostgreSQL

Docker

Nginx

SSH

VPS

Stride — Shopify Select Partner

Aug 2025 — Oct 2025

Fullstack Developer

Client storefronts needed focused improvements and CRM-connected experiences within a small three-person agency team. I independently owned features from implementation through delivery across Shopify storefronts and client integrations.

- Owned client-facing features end to end within a three-person team, reducing handoffs between requirements, implementation, and delivery.
- Improved storefront browsing by adding Liquid-based pagination and contact filtering.
- Engineered an in-app chat feature for a custom client CRM, enabling real-time communication directly within the platform.
- Delivered storefront functionality across Liquid, JavaScript, TypeScript, React, Remix, and Shopify while working within client-specific constraints.

Replaced third-party messaging with a custom React chat app in a custom CRM.

Kept chat history and messaging in one workspace.

Liquid

JavaScript

TypeScript

React

Remix

Shopify

CSS

Greentake

Mar 2024 — Aug 2025

Fullstack Software Engineer

The client needed a commerce platform tailored to its requirements rather than a standard storefront. I owned the full delivery of a custom headless e-commerce system, from requirements and architecture through deployment.

- Translated client requirements into a production e-commerce platform and owned delivery from planning through deployment.
- Improved checkout operations with secure user authentication and automated email invoicing for orders and payments.
- Centralized commerce data behind a GraphQL API backed by PostgreSQL, with Docker providing consistent deployment environments.
- Focused the storefront on mobile usability and SEO, helping the platform support organic traffic and engagement.
- Worked across the full stack with Next.js, React, TypeScript, Vendure, NestJS, Node.js, GraphQL, PostgreSQL, and Docker.

Delivered a fully custom commerce platform

Automated email invoicing across checkout & payments

Drove organic traffic via an SEO-optimized, mobile-first storefront

TypeScript

React

Next.js

Tailwind CSS

Vendure

NestJS

Node.js

GraphQL

PostgreSQL

Docker

TECHNICAL WRITINGS

Why I Built Eridu Tech

Announcing eridu-tech — a composable backend foundation for TypeScript

<https://www.eridu-tech.io/blog/2026-08-06-announcing-eridu-tech>

EDUCATION

Malmö University

2021 — 2024

[Bachelor of Science · Computer Science](#)

Focused on software engineering fundamentals and applied them through hands-on projects. Completed a bachelor thesis at Bionamic AB that benchmarked WebAssembly performance and led a five-person degree-project team in shipping a production REST API client and SDK.