

› whoami

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backend focus · software architect · technical lead

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📍 Sudanese · Saudi Arabia

// Reliable engines, across three ecosystems.

The engine room — production back-ends in Laravel, .NET and TypeScript, plus the shared packages that keep large, multi-part systems consistent as they grow.

01 what_i_do_best

+ Backend & systems

The engine room — reliable production back-ends across three technology ecosystems, plus the shared packages that keep large, multi-part systems consistent as they grow.

+ Library & API design

My signature — drop-in libraries with clean APIs that add capability to a product without taking over its architecture, built across .NET and Laravel.

+ Developer experience & platform

Tooling and automation that manufacture a whole configured environment reproducibly — the kind of leverage a team feels every day after.

02 selected_work

Composable .NET library ecosystem

github.com/adams100111 [🔗](#)

A cohesive family of drop-in packages plus a generator that scaffolds production-ready projects — adding capability to a codebase without taking over its architecture.

Workstation-bootstrap engine

github.com/adams100111 [🔗](#)

An engine that turns a bare machine into a fully-configured developer workstation, unattended, in minutes — the clearest single expression of systems that generate systems.

AI agent orchestration & QA tooling

github.com/adams100111 [🔗](#)

Multi-agent tooling that implements and independently verifies software — parallel delivery with quality gates, distilled from real work that cut delivery time substantially.

Personalized Python-mastery platform

github.com/adams100111 [🔗](#)

A learning platform that teaches Python to experienced builders — in-browser execution (Pyodide), AI-narrated lessons, and a constitution-first curriculum. Pedagogy encoded as software, AI woven through.

// enterprise (anonymized): Technology-governance platform · Software-licensing infrastructure · Distributed-systems packages (Laravel) · Customer-support SaaS — named on request

03 approach

On the back end I optimize for leverage — the shared package or generator that makes the next service correct by default, not the one-off that ships Friday and rots by spring.

- › Technical lead of a software studio — the delivery, and the tooling beneath it.
- › Carry library-design taste across three ecosystems; earn abstractions from real, repeated delivery.
- › Build culturally-grounded products for MENA and Sudan, alongside open source.

04 stats

6+

years shipping production software

3

core ecosystems — Laravel · TypeScript · .NET

12+

open-source libraries & tools

05 toolbox

lang TypeScript · PHP · C# · Python · SQL · Bash

backend Laravel · .NET / ASP.NET · FastAPI · Node · Filament

frontend React · Next.js · Astro · Tailwind · shadcn/ui · Module Federation

mobile React Native · Expo · Tauri · SQLite · Local-first / offline-first

data PostgreSQL · MySQL · SQLite / Turso · Redis · EF Core · Drizzle · Eloquent

ai OpenAI · Anthropic · Agent orchestration · PydanticAI · Vercel AI SDK

infra Docker · Linux · Cloudflare · Hetzner · Vercel · Git · Turborepo / pnpm · Biome