

hello, my name is Aditya – an engineer by choice

> ABOUT

Engineer by choice. Passionate about systems programming, database architecture, and low-latency design. I learn fast, love hand-crafting reliable codebases, and obsess over micro-optimizations. Right now, I'm building embedded storage engines and speeding up mundane routines using SIMD.

[github](#) / [twitter](#) / [linkedin](#)

> PROJECTS

[turbofox](#) – A persistent and efficient embedded KV database

[frozen-core](#) – Core utilities for frozen codebases.

[ashwa](#) – Hardware accelerated routines for single substring search.

[kosa](#) – A reliable page-based storage engine with fire-and-forget durability semantics

[anvaya](#) – Fast and lightweight Sanskrit lexical and syntactic analyzer

> EDUCATION

degree:	B.Tech (CSE)	period:	Jun 2020 – Jun 2024 (4 yrs)
major:	Computer Science & Engineering	status:	Graduated
inst:	Marathwada Inst. of Technology	place:	CPSN, Maharashtra, Bharat

> EXPERIENCE

[OSS Contributions] Sep 2024 – Present

role: Core Maintainer & Systems Developer

repos: [turbofox](#) · [frozen-core](#) · [website](#) · [ashwa](#) · [kosa](#)

stack: Rust · SIMD · Embedded Storage · Systems Programming

impact: Building hardware-accelerated algorithms, embedded KV stores & storage engines

[Freelance & Contract · Web & Tooling] Jul 2024 – Present

role: Web & Tooling Developer (Multiple Clients)

stack: Astro · React · TypeScript · Microservices · VS Code API

impact: Shipped startup landing pages, SMTP microservices & event ticket booking

[Internships · Mobile Engineering] Nov 2021 – Apr 2024 (9 mos total)

orgs: kraftbase (1 mo) · Rojgary (5 mos) · FOLKDevelopers (3 mos)

stack: Flutter · Dart · State Management · REST APIs

impact: Built MVP mobile apps for multiple clients from scratch, refactored codebases & enhanced reliability

> WRITING

[There's More to Performance Than Big-O](#)

15-09-2026

> TELEMETRY

& loc:	1,267,246 (+2.5M / -1.3M)	+ prs:	[#####] 97.9%
% churn:	[#####.....] 66.6%	@ active:	[#####.....] 47.1%
# repos:	92 (29 public, 31 private, 32 org)	^ streak:	112 days (982 active)
* commits:	3,866	\$ stack:	C 49% · JavaScript 17% · Dart 13%