



Anu Rahul Nandhan S

(also known as **Muthu Kumar / MKRhere**)

Senior Full-Stack Engineer · Design & Performance

Chennai, India · Remote (CET-friendly hours)

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Experience

8+ years of total experience in Software Development

▷ Including most relevant. Full list: mkr.pw/experience

Principal Consultant

Feathers Studio, Chennai (Remote)

Oct 2019 – Present

My independent studio. Clients include:

PIQO · 2026 – Present · Brand identity and packaging design for a toy brand, a custom Shopify theme, and a product intake app (Bun, SQLite) for loading their catalogue into the store. Launching late 2026.

Intensity Labs · 2025 · Brought in for my Telegram Bot API depth as Telegraf's maintainer. Top contributor (48% of commits, team of 10) to Shogun, a trading bot for Solana and 9 EVM chains. Rewrote the 45k+ line legacy bot to ~22k lines with full parity in 8 weeks, owned the core architecture, and kept response times under 40ms.

Za-Zu · 2024 · Built most of the cold email platform's backend (Fastify, Supabase, EmailEngine), and designed and built Smart Send, a lock-based scheduler rotating sends across pooled mailboxes within daily caps and time-zone windows.

Rapid Lens · 2023 · Built parts of the RapidDox CLI and desktop app, which extract metadata from Tableau and Power BI into CSV, Excel, and HTML reports.

Lead Web Developer & Architect

Navana Tech, Mumbai (Remote)

Apr 2021 – Jul 2022

Led development and design of Zabaan, an easily integrable I10n assistant. Later took over architecture of sayl.ai, a d2c localised WhatsApp sales platform, aligning its service teams and designers through shared docs and diagrams.

Full-Stack Engineer

Hugo's Way, Dublin (Remote)

Nov 2018 – Nov 2019

Stabilised the currency exchange platform, cutting failed payments from 10–30 a day, each refunded through a dedicated support process, to almost none at 6–7k payments a day. Later helped grow the team and split the monolith into services for white-label deployments.

Full-Stack Engineer

Klenty, Chennai

Jan 2018 – Nov 2018

Scaled the platform from 25 to 1,000+ customers. Built a visual journey designer for sales campaigns. Stepped up to own technical decisions, product architecture, and design sign-off. Mentored two junior developers.

Editor-in-Chief

OutFocus Magazine, Ooty

Jul 2014 – Jul 2017

Moved the magazine from Issuu to its own site, learning HTML and CSS to build its WordPress templates. Wrote several sections and grew readership to a peak of 36,000 a month through guerrilla marketing on Facebook.

Skills

▷ **Mentioned below:** TypeScript, JavaScript, Zig, Python, HTTP, WebSockets, SSE, gRPC, Protobuf, JSON-RPC, EVM, Solana, Figma, Adobe Photoshop, Adobe InDesign, DOM, CSS, SVG, Responsive Design, Shopify, Node.js, Bun, Deno, Express, Fastify, RabbitMQ, Redis, Docker, Linux, OpenTelemetry, PostgreSQL, Supabase, MongoDB, MySQL, SQLite, React, React Native, Redux, Vite, Claude Code.

Languages & Protocols

Deep experience with TypeScript and JavaScript, focused on fast, maintainable code. Zig for performance-critical tools, plus Python. HTTP, WebSockets, SSE, gRPC/Protobuf, JSON-RPC, and EVM and Solana RPCs.

UX Design, UI Layout, & Styling

Architect by training. Brand, packaging, and interface design in Figma and the Adobe suite. Years of refining DOM layouts, CSS/SVG animation, interaction, and responsive design.

Backend

Services on Node.js, Bun, and Deno with Express and Fastify. API integrations, message queues (RabbitMQ, Redis), CI/CD, Docker deployments on Linux, and tracing with OpenTelemetry.

Databases

PostgreSQL schema design, performance tuning, and query optimisation, including Supabase. Scalable systems on MongoDB, plus MySQL and SQLite.

React

Large React apps built for structure and performance, backed by a deep understanding of React internals. Vite for the web; React Native for mobile.

Agentic Programming

Own every line that ships, even when moving fast with coding agents like Claude Code. Every design gets refined until each detail is right.

Projects

▷ Including most relevant. Full list: mkr.pw/work

Telegraf → Lead maintainer since 2021 of the Telegram Bot API framework for Node.js. 9k+ stars, 57k+ dependents, 250k+ weekly downloads. Also maintain @telegraf/types and the docs site.

comptime.ts → TypeScript compiler bringing Zig-style comptime evaluation to TypeScript, with Vite and Bun plugins. 430+ stars; HN front page (152 points).

denoland/node_shims → Co-created Deno's namespace shims for Node through the fromdeno org, with @trgwii and @wojpawlik. Now in the official denoland org, published as @deno/shim-deno (500k+ weekly downloads).

true-pg → Generates TypeScript, Kysely, and Zod types from a live Postgres schema, including domains, composites, ranges, enums, views, and functions.

storymap → Zig renderer for Vintage Story saves, with Thomas Rory Gummerson. Reverse-engineered and documented the SQLite/Protobuf/zstd chunk format; decodes 70,000 chunks a second.

Telecraft → Admin toolkit for Minecraft and Vintage Story servers that parses server logs into typed events, with chat bridges for Telegram, Discord, and IRC. Ships standalone binaries.

wiretap → Zero-dependency, 1.2 kB alternative to debug: namespaced, coloured logging with DEBUG wildcards and exclusions. Runs unchanged on Node, Bun, Deno, Cloudflare Workers, and browsers.

Education

McGan's Ooty School of Architecture

B.Arch (Architecture) · 2012 – 2017

Studied to be an architect and interned at two architecture firms, learning design theory in the process. Meanwhile, self-taught design for digital, print, and the web. Was editor of the college magazine twice.