

BHARATHKUMAR PALANISAMY

Full-Stack Engineer · Founding Engineer · Developer-Infrastructure Builder

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PROFESSIONAL SUMMARY

Full-stack engineer with 10+ years building production systems: 4 years as a Forward Deployed Engineer embedded inside national banks on core banking platforms, followed by 2 years as a Frontend Engineer at Accenture building React dashboards for an enterprise security platform. Since 2021, has shipped full-stack SaaS products and developer-infrastructure tools end-to-end (React/Next.js, Node/Go/TypeScript, Postgres, Cloudflare Workers) working solo across architecture, UI, and deployment — in an AI-native development loop (Claude Code, Cursor) that includes MCP-based governance tooling built to keep that loop safe. Comfortable owning a product from zero to shipped as the sole or founding engineer, with no layers between decision and execution.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Go, Rust, SQL

Frontend: React, Next.js, SvelteKit, Astro, Tailwind, shadcn/ui — Figma-to-production UI ownership

Backend & APIs: Node.js, Express, NestJS (ramping), REST/HTTP API design, Hono, Cloudflare Workers/D1/R2/Queues

Data: PostgreSQL, SQLite, Redis, Supabase

Infra & DevOps: Docker, GitHub Actions (CI/CD), AWS, Google Cloud Run, Vercel

AI-Native Workflow: Claude Code, Cursor — spec, scaffolding, implementation, testing, and review

PROFESSIONAL EXPERIENCE

Independent Software Engineer & Founding-Engineer-Style Builder — Open Source & SaaS 2021 — Present

- Own 10+ full product lifecycles solo — architecture, frontend, backend, deployment, and iteration — across shipped TypeScript/Go/Rust products, working in an AI-augmented, ship-fast loop rather than long planning cycles.
- Built MCP server tooling (RegressGuard, PromptVault) that governs and extends an AI-native dev loop — pre-commit drift detection, CI-gated evaluation harnesses, and precision gates that catch bad state before it ships.
- Handle release engineering end-to-end — cross-platform builds, Homebrew/npm distribution, CI/CD — treating developer tools as products with real installs and external contributors, not internal scripts.

Frontend Engineer — Accenture 2019 — 2021

- Built React.js dashboards for an enterprise code-vulnerability and codebase-health platform, converting Figma designs into pixel-perfect, accessible production UIs for enterprise customers.
- Improved frontend rendering performance by 30% via code-splitting, memoization, list virtualization, and render-path tuning.
- Partnered directly with security teams, product managers, and designers to ship a compliant, enterprise-ready product — small cross-functional loop, close to working directly with founders.

Forward Deployed Engineer — Core Banking — Infosys 2015 — 2019

- Embedded directly with multiple national banks, owning the full delivery lifecycle for core-banking systems where every transaction had to be correct, idempotent, and auditable.
- Triaged ~5+ pre-production defects daily in staging, with a specific focus on transactional edge cases — partial failures, retries, race conditions — before release.
- Optimized high-volume banking database queries, improving data-access performance by 20% under strict regulatory and reliability constraints, while managing high-pressure production environments for large-scale user bases.

SELECTED PROJECTS

git-scope github.com/Bharath-code/git-scope

Go · Bubbletea · Lipgloss · Cross-Platform · Homebrew · npm · 118 ★ · 14 forks · 1000+ downloads · active external contributors

- Fast, read-only terminal UI to scan, search, and switch across many Git repositories at scale — contribution graphs, disk-usage views, commit time-machine. Cross-compiled for macOS/Linux/Windows.

CompetePulse github.com/Bharath-code/competepulse

TypeScript · Hono · Cloudflare Workers/D1/R2/Queues · Slack-native agent

- Competitive-intelligence system with a CI-gated eval harness and precision gate before agent output ships — an automated decision pipeline with correctness checks in front of it.

RegressGuard github.com/Bharath-code/regressguard

Go · MCP Server · Git Hooks · Shell Completions · Homebrew

- Pre-commit governance layer that catches silent schema/status-code/test-suite drift from AI coding agents before it lands.

EDUCATION

B.E. in Electrical and Electronics — Sri Krishna College of Engineering and Technology, 2011 – 2015 · First Class Honours