

BHARATHKUMAR PALANISAMY

Senior Software Engineer · Full-Stack & Developer Tools · Code Quality

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PROFESSIONAL SUMMARY

Senior software engineer with 6+ years building and reviewing production code across Go, TypeScript, JavaScript, React, and Node.js. Experience spans developer tools, an enterprise code-vulnerability and codebase-health product, and core banking systems — with a strong track record in code review, mentoring, and code-quality standards. Author of RegressGuard, a tool that catches incorrect code from AI coding agents before it ships — directly aligned with evaluating, grading, and improving AI-generated software.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Go

Frontend: React, Next.js, SvelteKit, Astro, Tailwind, shadcnUI

Backend & Data: Node.js, Express, Convex, Postgres, Redis

DevOps & Tooling: Docker, GitHub Actions, AWS, Go/Bubbletea (CLI/TUI), Git, Chrome Extensions (MV3), CI/CD, Bun

PROFESSIONAL EXPERIENCE

Independent Software Engineer & Open-Source Builder

2021 — Present

- Shipped 20+ full-stack tools and products across Go, TypeScript, and Swift, including CLIs, TUIs, and AI-integrated workflows.
- Developed git-scope, a Go TUI for managing multi-repo workflows at scale, achieving 100+ GitHub stars.
- Built RegressGuard, an MCP server catching API regressions in AI agent loops (Claude Code, Cursor) before human review.

Frontend Engineer — Accenture

2019 — 2021

- Developed an enterprise code-vulnerability platform scanning large-scale applications for security and codebase health.
- Optimized React performance by 30% using code-splitting, memoization, and list virtualization.
- Converted Figma designs into pixel-perfect, accessible React dashboards with a consistent design language.

Forward Deployed Engineer — Core Banking — Infosys

2015 — 2019

- Partnered with national banks to deploy core banking systems across the full software delivery lifecycle.
- Resolved ~5 defects daily in staging environments, ensuring stable production releases for financial systems.
- Achieved 20% faster data access through targeted SQL query tuning on high-volume banking datasets.

SELECTED PROJECTS

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

Terminal UI to manage multiple Git repositories with visual contribution graphs and batch operations.

snip github.com/Bharath-code/snip

Cross-platform CLI for saving and running reusable code snippets directly from the terminal.

RegressGuard github.com/Bharath-code/regressGuard

Agent-native regression guard that allows AI coding agents to self-verify code edits against baselines.

EDUCATION

B.E in Electrical and Electronics

2011 — 2015

Sri Krishna College of Engineering and Technology — Graduated with First Class Honours