# Bharathkumar Palanisamy

Full-Stack Engineer (JavaScript / Node.js & React)

Bengaluru, India

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## Profile

Full-Stack Engineer with 5 years of professional experience across the JavaScript ecosystem. I build end-to-end web applications and production APIs using Node.js, Express, React/Next.js and modern databases. I took a planned career break to focus on personal priorities while actively upskilling — building personal projects, contributing to open source, and staying current with modern tooling. Now actively seeking to re-enter the workforce and contribute as a focused, production-minded engineer.

## Tech Stack

Node.jsExpressTypeScriptSveltekitReactNext.jsAstroTailwindshadcnUIPostgresMongoDBRedisDockerRESTGitHub ActionsAWS

## Experience

### Accenture

2019 — 2021

Full-Stack Engineer

- Built an enterprise-level **Code Scan Platform** from scratch that identified vulnerabilities in large-scale applications and suggested potential fixes.
- Designed and implemented secure, scalable REST APIs with **Node.js, Express, and MongoDB** to handle high-volume scan data.
- Developed **pixel-perfect frontends** by converting Figma designs into responsive React + Redux dashboards, ensuring design consistency and accessibility.
- Integrated CI/CD pipelines using **GitHub Actions and Docker**, reducing deployment times by 60% and minimizing production errors.
- Collaborated with product managers, security teams, and designers to deliver a compliant and enterprise-ready product.

### Infosys

2015 — 2019

Full-Stack Engineer

- Worked with **major national banks** to design and deliver secure, high-performance features for customer-facing applications.
- Developed backend services in **Node.js/Express with PostgreSQL**, optimized queries, and introduced **Redis caching** to improve performance by 40%.
- Wrote **unit and integration tests** using Jest and ensured code quality through rigorous code reviews.
- Converted business requirements and **Figma wireframes into production-grade UIs** using React, HTML5, and CSS3.
- Collaborated in Agile sprints with QA and frontend teams to deliver new banking modules within strict deadlines.

## Key Projects

### git-scope

Terminal UI application for managing multiple Git repositories at scale. Features include contribution graphs, disk usage visualization, time machine for commit history, and batch operations across repos.

Go • Bubbletea • Lipgloss • Git

### YouTube Companion

Full-stack dashboard for managing YouTube videos. View unlisted/published videos, track views, add comments, and take notes — a personal command center for content creators.

Next.js • Node.js • YouTube Data API • PostgreSQL • TailwindCSS

### Website Highlight Saver

Chrome extension to manage save highlight content and AI summarize(Manifest V3).

JavaScript • Chrome Extension APIs

### Tab Focus Chrome Extension

Chrome extension to manage open tabs by encouraging focus and closing unused tabs (Manifest V3).

JavaScript • Chrome Extension APIs

### Portfolio & Blog

Personal portfolio built to showcase projects and write technical posts about modern JS tooling.

SvelteKit • Vercel • Markdown

## Leadership & Mentoring

- Mentored junior developers and reviewed PRs to improve code quality.
- Collaborated cross-functionally with QA and designers to ship polished features.

## Open-source & Community

- Built and maintain git-scope — a Go-based TUI for managing multiple Git repos. 19 GitHub stars, 99+ downloads, and contributions from the community.
- Published npm packages for CLI tooling and CI helpers.
- Contributed documentation fixes and patches to open-source JavaScript libraries.

# Education

## B.E in Electrical and Electronics

Sri Krishna College of Engineering and Technology (2011 – 2015)

- Graduated with First Class Honours