

# \$ Niluthpal Purkayastha

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**Full-stack engineer (PHP / Vue 3 / React)** shipping production WordPress products at **WPManageNinja** — part of the team behind Fluent Forms (700K+ installs) and Fluent Player. On the side I publish open-source AI dev-tooling on npm: agent context selectors, MCP bridges, CLI helpers.

## ~ EXPERIENCE

**Senior Software Engineer @ WPManageNinja** 2022 – Now

PHP · Vue 3 · React · Gutenberg blocks · Element Plus · MySQL · REST · Tailwind · Vite · PHPUnit · Playwright

- Build and maintain features across **Fluent Forms** free & pro (700K+ active sites) and **Fluent Player** — PHP services, Vue 3 admin SPAs, Gutenberg blocks, REST APIs, public form runtime, conversational and save-and-resume flows.
- Ship vertical slices end-to-end with PHPUnit + Playwright coverage and PHPStan gates; integrations across payments, Mailchimp, FluentCRM, BunnyCDN, and Mux.
- Contribute helpers and internal tooling — WooCommerce bridge, Calculation Captcha, NOC manager, pre-PR review automation that speeds team review and release.

**Freelance · Web / Front-End Developer · Network Engineer** 2018 – 2022

React · ASP .NET · Node.js · MSSQL · MongoDB · networking

- **Link3 Technologies Ltd.** — Network engineer at one of Bangladesh's largest ISPs; ran network operations and customer-side service work.
- **Manaknight Digital Inc.** — Frontend developer focused on React; built and shipped client-facing UIs.
- **CodeMonk** — Web developer working across React and ASP .NET; delivered client applications end-to-end.
- **Freelance** — Independent client work from 2018 onward; mix of web and frontend assignments before joining full-time roles.

## ~ SELECTED OPEN-SOURCE & SIDE PROJECTS

> **mincut-context** — Token-minimal context selection for AI coding agents (symbol graph + personalized PageRank + budget-constrained min-cut). [TypeScript](#) · [npm](#) · [261 tests](#) · [88.6% cov](#)

> **codex-map** — Visual dashboard for inspecting and mapping your Codex CLI setup. [JavaScript](#) · [npm](#)

> **workmem** — Recheck-backed working memory for AI coding workflows; compresses context packets and remembers prior findings. [JavaScript](#)

> **growth-insights** — Laravel + Vue dashboard turning GitHub activity into growth signals with Gemini-enhanced weekly coaching. [PHP](#) · [Vue 3](#) · [Element Plus](#) · [ECharts](#)

> **local-chat** — LAN chat with realtime text and WebRTC voice/video; Reverb + Echo transport. [Laravel 12](#) · [Vue 3](#) · [WebRTC](#)

## ~ SKILLS

**LANGUAGES** PHP · JavaScript · TypeScript · HTML · CSS · SQL

**FRONTEND** Vue 3 · React · Gutenberg blocks · Element Plus · Tailwind · Vite · Webpack

**BACKEND** WordPress · Laravel (10 / 11 / 12) · Node.js · ASP .NET · MySQL · REST APIs · Reverb / Echo

**AI / TOOLING** MCP servers · Codex / Claude Code workflows · npm publishing · GitHub Actions · PHPUnit · Playwright · PHPStan · Infection

**ALSO** WebRTC · Docker · Git · accessibility (WCAG AA)

## ~ EDUCATION

**B.Sc. Computer Science & Engineering** · Metropolitan University, Sylhet graduated 2019

Live version: [dhrupo.netlify.app/cv.html](https://dhrupo.netlify.app/cv.html)

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