Ashok Barua

Senior Full-Stack Engineer — Fintech, Business Platforms & Agentic AI Workflows

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PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with 7+ years building payment systems and business platforms in Laravel, PHP 8, Vue 3 and TypeScript. Led a team of six engineers on SiPay, a licensed e-money platform in Türkiye, where I built HSM-backed saved-card storage and drove the PHP 7.4 to 8.2 upgrade. Since 2023 I have been the senior engineer at Grow More Gaze, owning its platforms, servers and security end to end. I work agent-first, designing agentic development workflows with Coding Agents(Claude Code, OpenCode, Pi etc), MCP and custom review agents, and I review every change that touches money, data or auth myself.

TECHNICAL SKILLS

LANGUAGES

PHP, Python, TypeScript, JavaScript, SQL, HTML, CSS
Familiar with: React, Next.js, Redux, NodeJS, Go, Rust

FRAMEWORKS

Laravel, Vue.js, Nuxt.js, Inertia.js, Tailwind CSS, Livewire, Alpine.js

BACKEND & ARCHITECTURE

REST API Design, System Design, Queues & Horizon, Webhooks, Idempotency, PCI-DSS-Aligned Systems, Observability, Legacy Upgrades

DATABASES

MySQL, PostgreSQL, SQLite, Redis, MongoDB

PRACTICES

Testing (PHPUnit, Pest), Code Review, Mentoring and Team Leadership, Hiring Interviews, Agile

DEVOPS & TOOLS

Linux, Nginx, Docker, Git, GitHub Actions, CI/CD, Elasticsearch, Graylog, MQTT, Deployer

AI & AGENT ENGINEERING

Agentic Workflows, Context Engineering, Multi-Agent Code Review, Human-in-the-Loop Review, Claude Code, OpenCode, Pi Coding Agent, OpenClaw, MCP, LLM APIs

EXPERIENCE

Senior Full-Stack Engineer — Grow More Gaze | Oct 2023 — Present

The platforms that run an international link-building agency: ordering, invoicing, payments, email campaigns and HR/payroll.

- Joined to fill the company's senior engineering role; own all of its technology, from architecture and code to servers, security and deployments
- Built and run the agency's ordering portal, invoicing, payments, email campaigns and HR/payroll, plus several internal projects
- Integrated 7 payment gateways with idempotent webhook handling, so retries and duplicate callbacks never double-charge
- Run CI/CD with zero-downtime deploys, server hardening and monitoring
- Designed an agentic development workflow: plan-first on complex work, one isolated branch and environment per issue, a custom Claude Code review agent as first reviewer, then line-by-line human review, with extra care on payment and auth code.

Independent Contractor and Open Source Maintainer — Self-employed | May 2026 — Present (alongside Grow More Gaze)

- Contracted directly by the client to build bizztechsz.com, a platform for worldwide bulk-order quotes and company portfolios; built to the client's requirements and still live, and I continue to maintain and extend it
- Maintain open-source Laravel, DevOps and AI-agent tooling (LaraVibe Standards, LaraVibe-Vue, clawkit with 700+ image pulls, Notify Fanout, Proton Pass Secret Fetcher) and contribute upstream to inertia-laravel and Raycast

Senior Software Engineer, Team Lead of 6 (last 4 months) — Softrobotics Bangladesh Ltd | Sep 2021 — Sep 2023

Core payments engineer on SiPay, a licensed e-money and payment platform in Türkiye built by Softrobotics.

- Led a team of six engineers: sprint planning, code reviews, hiring interviews, and balancing workload so the team kept delivering and stayed happy
- Brought an engineer who had asked to leave another team into mine; through one-to-one support he became a fully engaged contributor, and management recognised me for it
- Developed merchant banking, mobile banking, and payment modules for a high-volume production payment platform
- Built diverse payment flows: link, P2P/B2B, QR, bill pay, POS, cash out, deposit/withdraw
- Built and maintained microservices instrumented with Elasticsearch and Graylog, making production incidents traceable across services
- Built the platform side of the HSM integration for PCI-DSS-aligned saved-card storage, encryption, and card management
- Drove core parts of the legacy upgrade from PHP 7.4 and an older Laravel release to PHP 8.2 and a modern Laravel version

Full-Stack Web Developer & Designer — Stellar BD Ltd | Oct 2019 — Aug 2021

Built HRM/payroll systems wired to IoT attendance hardware, plus client web apps.

- Built core HRM, payroll, and shift modules integrated with fingerprint scanners for a large, multi-site workforce
- Implemented real-time attendance sync via MQTT across the company's attendance devices, replacing nightly manual imports
- Maintained and extended a production Python HRM built on Web2py: new modules, bug fixes and integrations
- Built client websites and automation scripts in PHP, JavaScript, and Python
- Designed responsive UIs and managed hosting end-to-end

Full-Stack Web Developer — Multiplex Web Design | Mar 2018 — Sep 2019

Delivered custom web apps for SMB clients, end-to-end.

- Owned full project lifecycles for SMB clients, from requirements through deployment
- Delivered full-stack features with PHP, JavaScript, MySQL, and responsive design
- Worked directly with clients on scoping, timelines, and delivery

ADDITIONAL PROJECTS

clawkit https://github.com/ashokbaruaakas/clawkit

A Docker and AI tooling wrapper for OpenClaw, published to GHCR through automated CI/CD. 700+ image pulls.

LaraVibe https://github.com/thesoftpulze/laravibe-standards https://github.com/thesoftpulze/laravibe-vue

Open-source Laravel standards I maintain: LaraVibe Standards (generators for actions, DTOs and enums, base API resources, and guidelines and skills for AI agents via Laravel Boost) and LaraVibe-Vue, a Laravel starter kit on Vue 3 and Inertia.js.

GitHub Actions for CI/CD https://github.com/ashokbaruaakas/notify-fanout-action https://github.com/ashokbaruaakas/proton-pass-action

Two GitHub Marketplace actions I maintain: Notify Fanout, which sends CI/CD notifications to one or many chats from a single step, and Proton Pass Secret Fetcher, which loads secrets from Proton Pass into a workflow with masking and no saved login on the runner.

Merged contributions to Inertia.js and Raycast Extensions. Full timeline at ashokbaruaakas.com/open-source.

EDUCATION

BSc in Computer Science (evening program, while working full-time) — East Delta University - Chattogram, Bangladesh

2018 — 2021

Diploma in Computer Science — Bangladesh Sweden Polytechnic Institute - Kaptai, Rangamati, Bangladesh

2013 — 2017

LANGUAGES

Bengali (Native) English (Fluent)