

Mohamed Mufeed

Senior Full-Stack Developer

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UAE Resident · Currently employed (notice period applies)

SUMMARY

Senior developer with 7+ years in software and infrastructure, 6+ of them building a multi-tenant ERP used by 200+ UAE businesses. I work across the stack — Laravel/PHP on the backend, JavaScript and React on the frontend, MariaDB internals and the Linux servers underneath — and I learn the business domain (accounting, HRM, inventory) before designing the software. Recent examples: recovered AED 300K+ of transactions from a dropped production database, cut new-client deployment from 3–4 months to 2–3 hours, and took slow screens from minutes to seconds. Case studies: mufeedbinismail.dev.

TECHNICAL SKILLS

Backend: PHP 5.6–8.x, Laravel (queues, events, jobs, service container, middleware, migrations, auth), REST APIs, OAuth2 / JWT, multi-tenancy, event-driven design, strategy pattern

Frontend: JavaScript (ES6+), React, jQuery / Ajax, HTML5, CSS3, Blade, responsive layouts, browser extensions

Data: MariaDB / MySQL (InnoDB internals, indexing, query optimisation), Redis (cache, queues, sessions)

Infrastructure: Linux (Ubuntu, Debian), AWS Lightsail and S3, Docker, Nginx, Apache, Sockets WebSockets, Bash automation, Git

Operations: incident response, crash and data recovery, incremental backups (GFS), Prometheus, Linux diagnostics (sar, atop, netstat)

Also: Go (recovery tooling), DNS, mail servers, cPanel / WHM, Plesk

EXPERIENCE

Senior Developer

Direct Axis Technology · Kannur, India → Dubai, UAE (2021) · Jun 2020 – Present

AxisPro ERP, a multi-tenant SaaS ERP for 200+ UAE clients, from a team of three developers to a 30+ person company. Started on features and grew into architecture, performance, infrastructure and incident work across the core product. Moved to a different product in 2026.

Data recovery and reliability

- Recovered every transaction lost when a production database was dropped — 300+ invoices (AED 200K+) and 120+ payments (AED 130K+) — by reverse-engineering InnoDB's on-disk format and carving raw disk pages and undo logs with a custom Go tool. [Case study →](#)
- Restored a crashed client server in 30 minutes after half a day of downtime: found the crashed table and configured MariaDB crash recovery.
- Replaced full backups for 200+ clients with incremental backups and GFS retention, cutting storage from 4 TB to ~600 GB and ending manual cleanup.

Performance and cost

- Invoice screen from 3+ minutes to 1–3 seconds by moving balance calculation to Laravel events with cached balances (~1,000 queries per page down to 1); kept a client who was about to leave and later upgraded to premium.
- Customer balance reports from 2–3 minutes to 3–4 seconds with data bucketing and caching.
- Server density from 1 to 4 clients per server, cutting AWS cost per client from AED 44 to AED 11 a month.
- Self-hosted Sockets WebSockets in Docker for the notification centre of 200+ clients, replacing Pusher costs of AED 180–1,097 per client per month.

Full-stack features

- HRM suite from requirements to production — attendance, payroll, leave, overtime, pension, documents. MVP in 2 months, working on-site with finance; it won many new clients.
- Tadbeer domestic-worker scheduling: recognised that a rushed ERP add-on needed to be a scheduling system; it grew into a product of its own.
- Prepaid orders and expense tracking for typing centres, with partial completion and profit calculation; it brought in a new client segment.
- Configurable workflow engine for approvals: a new flow needs only step definitions, not engine changes. [Case study →](#)
- Browser extension that captures government-portal data for automated billing and unpaid-application reports; Emirates ID readers, attendance machines, and SMS providers (Etisalat, Reason8, RouteMobile).

Architecture and codebase health

- Brought Laravel into a legacy native-PHP codebase (auth and session, events, queues, scheduler, migrations) without a rewrite; upgraded PHP 5.6 → 7.4 for new clients. [Case study →](#)
- Replaced 10+ copy-paste client forks with one versioned core and configurable modules: new-client deployment from 3–4 months to 2–3 hours. [Case study →](#)
- Redesigned leave management with the strategy pattern: a new leave type is one policy file instead of edits to four central files. [Case study →](#)
- Fixed duplicate invoice numbers caused by MAX+1 races and unsafe deadlock retries, with a row-locked sequence table.
- Introduced git discipline and version-controlled migrations; review code and maintain the core instance.

Clients and team

- Present financial modules (P&L, balance sheet, trial balance) in client demos and turn accounting requirements into specifications.
- Handle critical incidents after escalation (prepaid systems, Tadbeer, infrastructure) and help junior developers with Laravel and design patterns.
- Domain knowledge: sales, purchase, inventory, costing, manufacturing, fixed assets, HRM, payroll, CRM, DMS, accounts, cash flow, reporting.

Server Administrator & Technical Support

Poornam Info Vision Pvt Ltd · Kerala, India · Jul 2019 – Mar 2020

- Monitored production servers for hosting clients with Prometheus and Linux tools (sar, atop, netstat) and cleared performance bottlenecks.
- Ran mail servers (Exim, Dovecot): deliverability, blacklist removal, spam filtering; DNS on BIND including MX, SPF, DKIM and DMARC.
- Provisioned VPS servers to client requirements with Let's Encrypt TLS; supported cPanel / WHM / WHMCS, Plesk, Magento and WordPress.

EDUCATION

BTech in Computer Science — APJ Abdul Kalam Technological University, 2019

LANGUAGES

English (fluent) · Malayalam (native) · Hindi (conversational) · Tamil (conversational) · Arabic (basic)