

MOHD WAZID ALI

Full-Stack Developer — PHP · React · Next.js · TypeScript · React Native · Python · Rust

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PROFESSIONAL SUMMARY

Full-Stack Developer with 5+ years building performant, scalable web and mobile products spanning PHP, WordPress, and WooCommerce alongside modern JavaScript stacks — React, Next.js, Angular, and React Native. Hands-on experience building custom WordPress/WooCommerce admin portals with Stripe Connect payment integrations and PHP/Yii Framework backend development, in addition to a track record of measurably improving Core Web Vitals, cutting load times, and shipping production UI at scale (up to 100k concurrent users). Extends across the stack with NestJS, FastAPI/Python, Go, and Rust — from HIPAA-compliant microservice platforms to Tauri desktop apps and OCR/RAG pipelines. Currently based in India.

TECHNICAL SKILLS

Frontend: React, Next.js, React 19, Angular, AngularJS, React Native, Expo, TypeScript, JavaScript, Redux, React Three Fiber, Tailwind CSS, HTML5, CSS3

PHP / CMS / E-commerce: PHP, WordPress (custom themes), WooCommerce Core, Stripe Connect API, WP-CLI, WordPress Action Scheduler / Cron

Backend / Infra: PHP, Laravel, Yii Framework, NestJS, Node.js, FastAPI, Python, Go, Ruby on Rails, Microservices, REST APIs, WebSocket, JWT / RBAC Auth, Docker, CI/CD, GitHub Actions, Terraform, AWS, GCP, Azure, Vercel

Desktop / Cross-platform: Tauri, Rust, Electron.js, auto-update release pipelines, Manifest V3 extensions

Data: PostgreSQL, Redis, Prisma, Firebase, Supabase, MySQL, vector stores / embeddings

AI / ML: OpenAI APIs (GPT-4, DALL·E), RAG & vector retrieval, PaddleOCR, DINOv2, prompt engineering, GitHub Copilot, Claude Code

PROFESSIONAL EXPERIENCE

Sr. Software Engineer — Krapton IT Consultancy

Noida · Feb 2024 – Present

- Built a custom WordPress/WooCommerce admin portal (StakeClash Admin) with Stripe Connect integration to manage user profiles, tournament brackets, transaction tracking, and automated winner payouts.
- Implemented responsive UI and robust state management with Tailwind CSS and Redux, improving Core Web Vitals by 90%.
- Led SEO optimization to boost search rankings and organic reach while lowering page load times.
- Spearheaded cross-platform desktop application development for the PC gaming domain, from architecture through release.
- Built and optimized Firebase-backed services and APIs, and implemented auto-scaling that increased peak throughput 3x while holding 99.95% uptime.
- Implemented automated regression tests and stricter code reviews, cutting production defects by 60%.
- Delivered AI-driven MVPs via hackathons (GPT-4, DALL·E) and integrated blockchain-based token rewards that lifted user engagement 15%.
- Architected Stargate Portal, a HIPAA-compliant healthcare device-management platform: a 5–6 service microservice suite (API, Node, Access, Org, Reporting) in NestJS and Go with an Angular caregiver/admin front-end, Redis caching, JWT-secured access, and automated Docker-based CI/CD on GCP.

Software Engineer — TechnoSapphire Research Pvt Ltd

Noida · Nov 2022 – Feb 2024

- Contributed to enterprise web modules for a property management platform using AngularJS and Ruby on Rails.
- Implemented PDF annotation and customization with PDFTron, cutting manual document processing by 90%.
- Optimized API endpoints and eager caching, reducing average response time from 1.8s to 520ms (a 71% improvement).
- Worked within a microservices architecture, containerizing services with Docker to accelerate deployments by 50%.
- Deployed JWT-based authentication to secure user sessions, lowering unauthorized-access risk by 99%.
- Extended CI with automated tests, raising unit test coverage from 40% to 78% and cutting production incidents by 60%.

Angular Developer — Praxiv

Gurugram · Aug 2020 – Oct 2022

- Developed backend features in PHP with the Yii Framework for 42nite (Whats42Nite), a social nightlife platform — including venue/event feeds, ticket purchasing with promo codes, and barcode-based event check-in.
- Optimized Angular component rendering, cutting initial load time from 4.5s to 0.8s (an 84% improvement).

- Implemented lazy-loaded modules and caching to support growth to 100k concurrent users at 99.95% uptime.
- Built secure admin panels with RBAC and JWT, reducing security vulnerabilities by 99%.
- Developed high-conversion web applications that increased event ticket sales by 80%.
- Developed comprehensive unit tests for critical Angular components, reaching 85% coverage and cutting production defects by 60%.

SELECTED PROJECTS

OrbitLens — *Next.js 16, React 19, React Three Fiber, FastAPI, Python, PostgreSQL/PostGIS, TimescaleDB, Redis*

- Built a space situational-awareness platform that ingests TLE orbital element sets and propagates satellite positions with Skyfield and sgp4, rendering live orbits on an interactive React Three Fiber 3D globe.
- Designed the full stack: a FastAPI (Python 3.14) service over PostgreSQL 16 with PostGIS for geospatial queries and TimescaleDB for time-series telemetry, Redis for caching and queueing, HS256 JWT cookie auth, Alembic migrations, and a Docker Compose dev environment — covered by astrodynamics validation tests on the Python side and orbital-maths tests on the front end.

DocuForge AI — *Next.js 15, FastAPI, Python, PaddleOCR, DINOv2, Vector RAG, Rust*

- Built a local-first document-to-Excel pipeline with self-learning OCR correction: the service stores operator corrections, embeds cells into a vector store for RAG-based retrieval, and exports into user-supplied Excel templates.
- Shipped a FastAPI backend running PaddleOCR and DINOv2 with automatic GPU/CPU wheel selection, alongside a Next.js 15 marketing site and /dashboard operator UI.

VitalsLens — *Next.js 15, TypeScript (in development)*

- Building a real-time web audit product that scores Core Web Vitals (LCP, CLS, INP, TTFB, FCP, TBT), technical and on-page SEO, and accessibility.
- Designed to return a prioritised, commit-ready fix list keyed to the exact file and line with expected metric deltas, rather than a generic score report.

OpsPilot — *Next.js 15, TypeScript, Terraform, AWS / GCP / Azure (in development)*

- Building an automated DevOps platform that connects to a repo, auto-detects the stack, and provisions infrastructure, CI/CD, secrets, TLS certificates and VPC networking through to a production deploy.
- Targets small teams that cannot staff separate infra, CI/CD and on-call roles, generating Terraform and mTLS certificate pools automatically.

ProspectPulse — *Next.js 15, TypeScript, CRM integrations (in development)*

- Building an outbound sales automation platform that enriches contacts from a Sales Navigator search, generates per-prospect email sequences, and routes warm replies back to the CRM.
- Includes bi-directional sync across HubSpot, Salesforce, Pipedrive and Close, plus domain warmup to hold bounce rates under 2%.

Crypto Arbitrage Monitor & Executor — *Python*

- Built a staged crypto-arbitrage toolkit organised around measurement before capital: Phase 0 monitors many exchanges and computes net spread after fees and slippage before any execution phase is enabled.
- Modelled fee and slippage drag explicitly to test whether an edge actually exists, with hard caps on escalation — a deliberately conservative design given typical 0.1–0.3% margins.

F1 Relay — *Rust, TypeScript, Tauri*

- Built a Rust-based desktop companion for F1 telemetry, shipped to v0.2.1 through a public release channel with an auto-updating installer driven by a published latest.json manifest.

MyDownloadManager — *Python, Manifest V3 browser extension*

- Built a cross-platform download accelerator that splits files into segments, fetches them in parallel via HTTP range requests, reassembles them, and resumes interrupted transfers — running on Windows, macOS and Linux from one codebase.
- Shipped all three planned parts: the download engine and CLI, a local HTTP server with browser dashboard, and a Manifest V3 browser extension.

Artificial Mufti — *React Native, Next.js, NestJS, OpenAI APIs*

- Led development of an AI-powered Islamic companion app (live on Google Play) with a small team, shipping 12 features including source-backed AI chat, hands-free AI voice guidance, GPS-precise Qibla finder and prayer-time alerts, Quran recitation with translation, and a Zakat calculator.

- Built multilingual content delivery across 10+ languages and a subscription tier, pairing a React Native mobile client with a Next.js web app and NestJS services over OpenAI APIs for retrieval-grounded, citation-backed answers.

StakeClash — *Next.js, NestJS, PostgreSQL/Supabase, Prisma, Redis, WebSocket*

- Designed on-chain win verification and token payouts, ensuring transparent, fraud-resistant reward distribution.
- Engineered real-time gameplay services with WebSocket and Redis-backed state supporting 50k concurrent players, with Prisma over PostgreSQL as the data layer.

StakeClash Admin — *WordPress, WooCommerce Core, Stripe Connect API, MySQL, Redis*

- Built a custom WordPress/WooCommerce admin portal to manage user profiles, blog content, tournament brackets, and live event schedules for the platform.
- Integrated the Stripe Connect API for transaction tracking, dispute handling, and automated/manual winner payouts, with performance tuned via custom MySQL tables, WP-CLI automation, and Action Scheduler/Cron tasks.

Apex Engineer — *Tauri, Rust, TypeScript*

- Built a Tauri (Rust) desktop app that parses live UDP telemetry from F1 25 and delivers real-time race-strategy calls — tyre windows, ERS deployment, pit timing — via voice, holding under 120MB RAM with no measurable FPS impact on the simulator.
- Designed the rule-based decision engine behind six live-race scenarios (safety car, tyre degradation, ERS, weather, fuel, undercut/overcut strategy) and shipped auto-updating Windows builds through a GitHub release pipeline.

Rush Racing League — *Next.js*

- Built the results and standings platform for a 500+ member competitive F1 sim-racing league: live race results, season calendar, and driver stats across four divisions.
- Shipped the season-management tooling (signups, scoring-rule updates, news/media) that has run the league's 11-season history end-to-end.

Time Study — Physician Mobile App (Temple Health) — *React Native, Expo*

- Built a React Native (Android/iOS) app for physician time-study data collection, reminders, and reporting; shipped to the App Store and Play Store.
- Delivered push-notification workflows that increased form completion rates by 90%, and streamlined the release pipeline with Expo.

Pademi — *Mobile — iOS & Android, AWS*

- Built and shipped Pademi, a relationship app for couples: daily quizzes and games, multi-day guided journeys (communication, trust, intimacy), and partner-linked streak tracking, live on iOS and Android.
- Added a curated date-planning and booking flow on top of the daily-connection features, plus simple invite-code onboarding for partners; backend services deployed on AWS.

Whats42Nite — *PHP, Yii Framework, Angular*

- Contributed to 42nite, a nightlife and social-experience platform (Praxiv) covering venue discovery, event listings, and ride requests, built on PHP with the Yii framework.
- Built the event ticketing system end-to-end: ticket purchasing with promo code support, barcode generation on purchase, and on-site barcode scanning for attendee check-in at the event venue.
- Worked on the venue and events feed — including venue profiles and payment processing — as part of the platform's PHP/Yii backend.

SimplifyEm-Real — *AngularJS, Ruby on Rails, PDFTron*

- Integrated PDFTron-based annotation into a property-management platform, decreasing manual document-processing time and improving usability.
- Optimized front-end performance across high-traffic modules, decreasing page load times.

EDUCATION

Bachelor's in Computer Application

ITS Mohan Nagar, Ghaziabad

2020