ABU SALAH MUHAMMAD SHAON

Senior Full-Stack Engineer

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PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with 15+ years of experience building scalable, cost-efficient, cloud-native applications using Laravel, Next.js, and Node.js. Experienced in integrating LLMs and AI-driven workflows into production systems, with a strong focus on clean architecture and performance. Proven track record of designing robust RESTful APIs and microservices that deliver measurable business value and consistently high client satisfaction.

WORK EXPERIENCE

Upwork | Freelancing
2010 – current

Senior Full Stack Developer | Remote

- **Architected and maintained** enterprise-grade OpenAPI specifications and SDKs, ensuring seamless third-party integrations and developer experience for consumers.
- **Engineered** a high-scale POS and E-commerce ecosystem integrated with **Fleet Live GPS Tracking**, enabling real-time logistics monitoring and streamlined fleet management.
- **Optimized** large-scale databases by indexing **7 million+ row tables** and refactoring complex SQL queries, resulting in a significant reduction in latency and improved system throughput.
- **Developed and scaled** a PHP-based Travel Agency platform and an Education Platform, focusing on high-concurrency booking engines and modular course delivery systems.
- **Modernized** existing application stacks by implementing **Supabase, NestJS, and Angular**, transitioning legacy systems toward real-time, cloud-native architectures.
- **Maintained** an elite **Top-Rated Plus** status with **25,000+ billable hours** and a 100% Job Success Score, consistently delivering high-impact solutions for diverse global industries.

American Discount Vacations | New Jersey, USA
2023 – 2025

Senior Full Stack Developer | Remote

- **Strategically re-architected** a legacy monolithic ecosystem into a decoupled, high-performance RESTful API server, significantly enhancing system maintainability and enabling horizontal scalability.
- **Modernized the frontend architecture** by transitioning from legacy CodeIgniter views to Next.js, resulting in a 40% improvement in page load speeds and a superior, SEO-optimized user experience.

SKILLS

Backend

- PHP
- Node.js
- Vanilla JS / TypeScript
- Laravel / Symfony
- NestJS / Express
- LangChain
- REST API / GraphQL
- Redis
- MySQL / PostgreSQL
- Supabase
- MongoDB
- RabbitMQ
- Vector Database

Frontend

- Vanila JS
- JQuery
- React.JS / Next.JS
- Livewire
- Tailwind / Bootstrap

Other Technologies

- System Design
- Docker / kubernetes
- Cloud / AWS
- Github / CI / CD
- Agile methodology
- Linux
- n8n / zapier
- Claude cli / Github Copilot
- DDD / TDD / BDD

- **Engineered a robust asynchronous processing layer** using **Background Queues and Jobs (Redis/SQS)** to handle long-running processes, such as complex travel itinerary generation and bulk supplier data synchronization, without impacting UI responsiveness.
- **Developed a unified search and aggregation engine** for diverse travel verticals, integrating real-time inventory for ocean cruises, luxury river cruises (Viking), and custom land tours.
- **Optimized production stability** by spearheading the resolution of critical high-priority support tickets and production bottlenecks, ensuring 99.9% uptime for the 24/7 web reservation system.
- **Built a multi-channel booking architecture** that bridges internal travel specialist tools with public-facing web portals, enabling seamless management of exotic itineraries like African Safaris.

Worktable Pte Ltd, Singapore
Senior Full Stack Developer | Remote   *2020 – 2023*

- **Architected and engineered** a high-performance REST API Engine for a Digital Wallet ecosystem, ensuring sub-second latency for financial transactions.
- **Developed and scaled** a robust e-commerce platform, managing complex product catalogs and secure checkout workflows.
- Built enterprise-grade administrative portals featuring real-time data visualization, automated reporting, and advanced user role management.
- Hardened system security by implementing critical patches and compliance protocols, protecting sensitive financial data and user privacy.

Vroom Vroom Vroom | Brisbane, Australia   *2015 – 2020*
Senior Backend Developer | Remote

- **Architected and optimized** a high-performance, live-booking aggregation engine for one of the Southern Hemisphere's largest online travel agencies (OTA).
- **Engineered direct API integrations** with "Gold Standard" suppliers (Avis, Hertz, Enterprise, Sixt, etc.), managing real-time inventory and pricing across 136 nations.
- **Developed multi-vertical booking systems** for diverse vehicle types, including Cars, Campervans, and Trucks/Utes, supporting over 4 million successful rentals.
- **Built and scaled** high-impact features such as dynamic pricing algorithms, airport retargeting systems, and automated loyalty programs to drive customer retention.
- **Modernized the legacy platform** into a fast-paced, adaptive technology stack, ensuring sub-second response times for complex rental comparison queries.
- **Collaborated on information security** and strategy roadmaps to harden the platform against vulnerabilities while maintaining a seamless user interface for a global customer base.

Taswar Interactive | Dhaka, Bangladesh · *2012 – 2015*
Software Engineer

- **Contribute to building** a high-scale hotel aggregation and booking platform specifically for the Saudi Arabian travel market, managing real-time availability and localized payment workflows.
- **Engineered** a custom Task Management System (Jira-alternative) featuring a sophisticated NLP-based email parsing engine.
- **Developed automated workflow triggers** that parsed specific email formats to programmatically create tasks, determine priority levels, and intelligently assign resources, reducing manual data entry by 40%.
- **Implemented** modular system features within an Agile/Scrum framework, ensuring continuous delivery and high architectural standards across distributed teams.

Informatix Technologies | Dhaka, Bangladesh · *2011 – 2012*
Web Developer

- **Increased operational efficiency by 15%** through the development of full-stack web applications using Zend Framework and CodeIgniter.
- **Engineered** an enterprise-level job portal with advanced search functionality, **improving recruitment process efficiency by 30%**.

Bengals Solutions | Dhaka, Bangladesh · *2010 – 2011*
Junior Web Developer

- **Architected and optimized relational database schemas** in MySQL, ensuring data integrity and high-speed query performance for large-scale user datasets.
- **Developed a seamless Mailchimp API integration** to automate lead synchronization and email marketing workflows, significantly increasing user engagement and retention.
- **Built responsive and interactive front-end components**, bridging the gap between complex backend logic and user-centric design to drive a 15% increase in operational throughput.