RAZA MEHDI

SENIOR BACKEND-LEANING FULL-STACK ENGINEER
11+ Years | Node.js, Express.js, Laravel, APIs, Redis & SaaS Systems
Lahore, Pakistan | syedrazamehdi1990@gmail.com | linkedin.com/in/razame | razamehdi.com

PROFESSIONAL SUMMARY

Senior Software Engineer with 11+ years of experience building and operating production web applications, backend services, REST APIs, and multi-tenant SaaS platforms. Backend-focused, with strong experience in Node.js, Express.js, PHP/Laravel, relational database design and optimization, Redis caching, queues, asynchronous workflows, third-party APIs, and cloud infrastructure. Experienced in owning features from technical implementation through deployment and production troubleshooting, improving system performance, and collaborating on engineering decisions, code reviews, and delivery.

TECHNICAL SKILLS

Backend: Node.js, Express.js, PHP, Laravel, TypeScript, REST API design, authentication, webhooks

Data & Performance: MongoDB, PostgreSQL, MySQL, MariaDB, Redis, data modelling, indexing, query optimization, caching

Queues & Systems: Laravel Queues, BullMQ, asynchronous processing, event-driven workflows, WebSockets, Socket.IO

Frontend: Vue.js, React.js, Next.js, JavaScript, TypeScript, Tailwind CSS

Integrations: Stripe, Amazon Selling Partner API, Google APIs, eBay APIs, Salesforce/Boomi, AWS S3

Cloud & Delivery: AWS, Docker, GitHub Actions, CI/CD, Linux, Nginx, production debugging and monitoring

PROFESSIONAL EXPERIENCE

Senior Software Engineer | Avid Collective, Lahore | Sep 2024 - Oct 2026

- Architected and maintained backend services and 20+ REST APIs for a multi-tenant SaaS product serving 100K+ monthly active users; improved API response times by 60% through Redis caching and PostgreSQL query optimization.
- Reduced database load by 80% by identifying expensive queries, optimizing PostgreSQL access patterns, and applying Redis caching to frequently requested data.
- Built asynchronous workflows with Laravel Queues and BullMQ, increasing processing throughput by 45% and eliminating request timeouts for long-running jobs.
- Implemented real-time application features using WebSockets and Socket.IO, and integrated Stripe, AWS S3, Amazon Selling Partner API, and Google APIs to automate business workflows and reduce manual work by 70%.
- Containerized services with Docker and automated deployments through GitHub Actions, reducing deployment time from 45 minutes to 8 minutes; led code reviews and mentored four junior developers.

Software Engineer (Full-Stack) | WhizzBridge, Remote | Nov 2021 - Apr 2024

- Developed and supported 10+ full-stack applications for US and European clients using Laravel, Vue.js, and Node.js, delivering 50+ production APIs with Swagger documentation.
- Engineered Redis caching and queue workflows that improved application responsiveness by 50%; optimized queries over datasets containing 1M+ records, making reporting 65% faster.
- Maintained 99.9% uptime by investigating and resolving production issues across API, database, and infrastructure layers; implemented AWS S3 storage and Docker-based environments.
- Integrated payment, marketplace, and external data services including Stripe, Amazon Selling Partner API, Google APIs, and AWS S3.
- Contributed to the Studies Weekly education platform, delivering and maintaining application features for an education-focused product.

Software Engineer | Abacus Consulting, Lahore | Nov 2020 - Jun 2021

- Developed and maintained web application features, translating business requirements into backend and frontend changes.
- Worked with relational databases and APIs to support data-driven workflows, troubleshoot defects, and deliver application updates.

Software Engineer | Shayan Solutions, Lahore | Jun 2018 - Nov 2020

- Implemented and maintained web application modules, delivering backend features, database-driven workflows, and fixes based on project requirements.

Software Developer | Rocksteady Software, Lahore | Dec 2016 - Jun 2018

- Developed and maintained web application features, investigated defects, and supported ongoing client-driven product improvements.

Software Developer | Soft Pyramid | Apr 2015 - Dec 2016

- Built and maintained web application features, gaining foundational experience in backend development, relational databases, debugging, and software delivery.

SELECTED ENGINEERING IMPACT

- Scale and performance: Supported a SaaS platform serving 100K+ monthly active users; reduced API response times by 60% and database load by 80% through caching and query optimization.
- Background processing: Increased queue throughput by 45% and eliminated timeouts for long-running jobs through asynchronous workflow improvements.

- Delivery and reliability: Reduced deployment time from 45 minutes to 8 minutes through CI/CD automation; maintained 99.9% uptime through production troubleshooting.
- Data-heavy applications: Optimized reporting queries over 1M+ records, improving reporting speed by 65%.

ADDITIONAL PROJECT EXPERIENCE

Personal projects include React.js, TypeScript, Redux, Redux Saga, React Query, React Hook Form, Material UI, Express.js, and GraphQL. These represent project-based experience and are listed separately from primary professional production-stack experience.

EDUCATION

Bachelor of Computer Science (BSCS) | Virtual University of Pakistan | Graduated - May, 2015

Based in Pakistan | Available for full-time remote opportunities