

Muhammad Aashir ul Haque *Senior Software Engineer*

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📄 U.S. Permanent Resident 🔗 LinkedIn 🐙 GitHub 📖 Stack Overflow 📁 Portfolio

PROFESSIONAL SUMMARY

Backend Engineer with 6+ years of experience in building scalable, cloud-native systems using Laravel, Node.js, and AWS. Specialized in API performance optimization, microservices architecture. Proven record of delivering resilient platforms for 20M+ users and optimizing backend systems through caching, logging, and asynchronous processing.

EXPERIENCE

Golootlo- DECAGON PAKISTAN PVT. LTD.,

Jul 2019 – Present | Karachi, Pakistan

Senior Software Engineer

- **Scalable Backend Development:** Designed and maintained RESTful APIs (Laravel, Node.js, NestJS) serving 20M+ users with 60K+ peak concurrency.
- **Payment Systems:** Built a subscription billing platform integrating 10+ local gateways and **CyberSource APIs**, enabling 35K+ daily transactions.
- **QR Payment:** Integrated real-time DQR payments using **RAAST** and **1Link** for merchant settlements.
- **Caching & Performance Optimization:** Improved API speed by 30% and halved DB load via **Redis** caching strategy.
- **Reliable Background Processing:** Handled 500K+ monthly jobs with **AWS SQS/SNS**, improving reliability to 99.9%.
- **Realtime Monitoring System:** Centralized 5M+ monthly logs using **ELK Stack** for faster diagnostics.
- **Leadership:** Mentored 10+ juniors, enhancing team productivity by 30%.
- **Agile/Scrum:** Collaborated in daily **Agile/Scrum** meetings of 20+ members, cutting release cycles by 25%.

Wayz Consulting, ERP Developer

Jan 2019 – Jun 2019 | Karachi, Pakistan

- **Client Collaboration & Requirements Gathering:** Collaborated with 3+ clients to define technical specs, ensuring accurate delivery.
- Designed and developed 5+ **RESTful APIs** for ERP modules in PHP.
- Reduced deployment errors by 25% via **Selenium (Java/TestNG)** and **Jenkins** pipelines.

Datawisdom, Software Intern

Oct 2017 – Mar 2018 | Karachi, Pakistan

- Constructed an e-commerce platform using **PHP** and **MySQL** with 200+ product listings.
- Assisted in **ASP.NET/SQL Server** projects, optimizing legacy systems.

FREELANCE PROJECTS

Your Rewards – Employee Benefits Platform,

2022 | Dubai

Laravel, MySQL, Elasticsearch, REST APIs

- Established a backend portal for managing 500+ partner deals, 50+ employer accounts, and 10K+ employee interactions, improving data accessibility and user engagement.
- **Integrated Elasticsearch** to enable precise geo-targeted partner search, reducing search response time by 40% and increasing relevancy by 60%.

The Huntr – Subscription Based Digital Media Platform,

2023 | Dubai

Laravel, MySQL, Elasticsearch, Stripe, REST APIs

- Engineered Laravel backend and RESTful APIs for members-only platform used by 20K+ users.

- Enabled location-based search with **Elasticsearch** and integrated **Stripe** subscriptions.

Karachi Water & Sewerage Board – Tanker Ordering System (Govt. of Sindh), *Laravel, MySQL, REST APIs*

2024 | Pakistan

- **Created a water tanker ordering interface** with a geolocation-based pricing algorithm, reducing manual booking errors by 40% and handling 1,000+ daily orders.
- **Implemented block/sector management** and day-wise order caps, increasing delivery efficiency by 30% and reducing overbooking incidents by 50%.

Extensia – Volunteer Management System for Mosques, *React (Next.js)*

2025 | United States

- Crafted two mobile-first web apps using **Next.js**: one for volunteer check-in/out and one for task registration and tracking.
- Integrated **AWS Cognito** for secure authentication and session control.

EDUCATION

NED University of Engineering and Technology, *MS in Computer Science and Information Technology*

2021 – 2022 | Karachi, Pakistan

University of Karachi, *BS in Computer Science*

2015 – 2018 | Karachi, Pakistan

SKILLS

Languages: PHP | JavaScript | TypeScript | SQL | C# (basic)

Backend Frameworks: Laravel | Slim | Lumen | Node.js (Express.js, NestJS)

Frontend & Web: React (NextJS) | HTML | CSS | Bootstrap | jQuery | AJAX

Databases & Caching: MySQL | MongoDB | Redis | Elasticsearch | Firebase

Payment Gateway Integrations: CyberSource | Stripe | Local gateways (RAAST, PayFast, etc)

Cloud & DevOps: AWS (S3, EC2, RDS, OpenSearch, SQS, SNS, ElastiCache, Cognito) | Git | CI/CD, Jenkins

Logging & Monitoring: ELK Stack (Elasticsearch, Logstash, Kibana)

Tools: VS Code | GitHub | Postman | Swagger | Figma

CORE COMPETENCIES

- API Performance Optimization
- Cross-Functional Collaboration
- Cloud Architecture & Deployment
- Debugging Complex Systems
- Scalable System Design
- Backend Architecture
- Technical Mentorship

EXTRACURRICULAR

- Participation in Inter School Cricket tournament.
- Participation in a speed programming competition.