

# Muhammad Aashir ul Haque *Senior Software Engineer*

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

## PROFESSIONAL SUMMARY

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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

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**Golootlo- DECAGON PAKISTAN PVT. LTD.,** Jul 2019 – Present  
*Senior Software Engineer (Part-Time as of Jul 2025)* Remote from Glen Ellyn, IL, USA

- **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**.
- **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:** Led a team of 10+ backend engineers and conducted 10+ **code reviews** per release cycle, resulting in a 40% reduction in production bugs and improved system uptime to 99.95%.
- **Agile Methodology:** 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

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**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

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**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

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**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 (Relational) | MongoDB (Non-relational) | 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

**Architecture & Design:** RESTful API | Microservices | Object-oriented Programming | Software Development

## CORE COMPETENCIES

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

## EXTRACURRICULAR

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