# Ahsan Mughal

#### PHP/Laravel Developer

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#### Summary

Backend PHP/Laravel developer experienced in building secure, scalable web applications and RESTful APIs. Skilled in integrating Stripe, OAuth, and anti-bot protections, and optimizing MySQL systems within Agile teams. Familiar with React and Tailwind, with a focus on clean code, performance, and measurable results.

## **Experience**

## Junior Backend Developer, NwLogics – Lahore

- Led development of a multi-step voting & booking platform using Laravel, PHP, MySQL, Bootstrap, and JavaScript, implementing wizard flows (tariff  $\rightarrow$  payment  $\rightarrow$  reward  $\rightarrow$  event  $\rightarrow$  QR), Google OAuth and role-based users.
- Integrated secure payments and anti-bot protections: **Stripe** payment processing plus **Cloudflare Turnstile** on checkout and **hCaptcha** on authentication.
- Collaborated in an Agile team using **Git** (feature branches, PRs, code reviews) to deliver QR-based voting, server-side validation, and transactional safeguards.

## Web Developer Intern, CodeUpNow - Lahore

- Built a Brick Breaker game using React, Tailwind CSS, and HTML5 Canvas with real-time score updates and persistent per-user high-score storage.
- Implemented a leaderboard and ranking system to compare top scores, with maintainable React components and smooth gameplay.

#### Education

#### COMSATS University Islamabad, Lahore, Bachelor in Software Engineering

• **Coursework:** Data Structures and Algorithms (C++), Requirements Analysis and System Architecture, WEB Technologies (**MERN**), Discrete Structures, Software Project Management, Software Testing

### **Projects**

## Sentimental Analysis of Pak General Elections 2024

- **Developed a responsive election analysis dashboard** using JavaScript, HTML5, CSS3, Chart.js, and Plotly.js with 8+ interactive visualizations.
- **Integrated FastAPI backend with Fetch API**, processing 100k+ tweets asynchronously with modular, event-driven JS components.

#### **Aimex Crypto Exchange**

- Built a full-stack cryptocurrency exchange platform with Node.js, Express.js, React, and MongoDB, using secure JWT auth and RESTful APIs.
- Implemented protected routes and a responsive trading interface with Tailwind CSS, ensuring secure access and mobile-first design.

## **Tools and Technologies**

- Backend & Dev Tooling: PHP, Laravel (Eloquent, Blade, Artisan, migrations/seeders, queues), Composer, MySQL/MariaDB, XAMPP, Redis, PHPUnit, Git/GitHub/GitLab, Docker (local), cron/Artisan scheduling.
- Frontend & Build: Blade, Bootstrap, Tailwind CSS, SCSS, JavaScript (ES6+, jQuery), Vite/NPM, responsive patterns, asset handling, server-side QR generation.

# **Professional Skills**

- Strong in active listening, collaboration, and stakeholder communication, ensuring alignment of client needs with project goals.
- Skilled in **analytical thinking and problem-solving**, applying a structured approach to debugging and development challenges.