

# Ali Hassan Cheema

Passionate Software developer with 8+ years of experience in developing and maintaining web applications. Skillful in HTML, CSS, PHP, JavaScript, TypeScript plus modern libraries and frameworks like Laravel, CI, Angular and Vue.js.



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## SKILLS

PHP

Laravel

CI

Angular

CI/CD

Linux Servers

System Architecture

System Design

Vue.js

Git

mongoDB

mySql

CSS3

HTML5

Bootstrap

MaterialUI

Typescript

jQuery

GraphQL

UML

Wireframes

Database Design

## LANGUAGES

English

Full Professional Proficiency

Urdu

Native or Bilingual Proficiency

## WORK EXPERIENCE

### Senior Software Engineer

#### Punjab IT Board

06/2016 - Present

Lahore, Pakistan

Punjab IT Board offers apps for sectors like education, health, security. I enhance PHP features in Software Engineering.

#### Achievements/Tasks

- In response to the escalating street crime rates in select Punjab cities, I developed a web dashboard powered by Google Maps to identify crime hotspots. This innovative tool greatly enhanced the efficiency of the Punjab Police, resulting in a substantial reduction in crime rates, ranging from 40% to 60%. The success of this initiative extended to the KP province. This experience reinforced the importance of effective stakeholder engagement and communication while emphasizing the value of staying current with cutting-edge technologies in government software development.
- At PAF Skyviews, a golf and recreational club with 800+ members, staff faced the daunting task of manually managing extensive member records, including financial details like restaurant bills, golf reservations, subscriptions, caddy fees, and more. To tackle this, I led the development of a web portal that streamlined member management, automated tasks like restaurant orders and golf bookings, and generated detailed financial reports. This resulted in membership growth from 600 to 800+ and relieved staff from manual record-keeping, boosting overall efficiency. This experience highlighted the importance of using Laravel's eloquent relationships, events, traits and model functions.
- Successfully transformed two separate code bases and projects into a multi tenant system in Laravel. PAF and PCOM can now be served as a multi-tenant system where every tenant has its own views but share a single Database.
- Implemented APIs for Green Tractor project. Data intimation API for Excise and Payment intimation API for Bank of Punjab using Laravel passport.
- Acquired knowledge in Laravel, CI3, Angular, Vue.js, mongoDB and composer.

### Assistant Manager

#### Albayrak Turizm

03/2014 - 06/2016

Lahore, Pakistan

Albayrak provides services in the construction, health, agriculture sector and infrastructure sectors.

#### Achievements/Tasks

- After joining the organization, it was a paper-based system to mark attendance of the sanitation staff. Later it was converted to Excel spreadsheets. I proactively developed a robust attendance system using Codeigniter with mobile API integration to overcoming the initial challenges. The system not only resolved attendance issues but also impacted positively the invoice generation process. The project enriched my field experience, involving stakeholder engagement and effective client. It underscored the importance of tech-driven process enhancement, client communication and expanding project opportunities.

## PROJECTS

### Wabizz eshop (01/2022 - Present)

- wabiz eshop - Built using Laravel, this provides ecommerce solutions for buying/selling products and services.

### Vehicle Transport (12/2020 - 01/2020)

- Online platform catering to a firm delivering automobile rental solutions.

## EDUCATION

### BS Computer Science

#### UMT/Lahore

08/2007 - 03/2013

Lahore, Pakistan