

# MUHAMMAD FURQUANUDDIN KHATTAK

## Senior Senior Software Engineer

### SUMMARY

Senior Software Engineer with 6+ years of expertise in backend architecture, PHP frameworks (Laravel, CodeIgniter), and cloud deployments. Proven ability to optimize system performance by up to 40%, lead API integrations including NASA Earthdata and Stripe, and implement CI/CD pipelines reducing deployment time by 40%. Skilled in full-stack development, DevOps automation, and scalable infrastructure design. Holds a Bachelor's degree in Software Engineering and currently pursuing AI certification.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	PHP (5 yr.), Laravel (3 yr.), CodeIgniter (2 yr.), Azure DevOps (2 yr.), AWS CloudTrail (1 yr.)
<b>Programming Languages</b>	PHP (5 yr.), Python, TypeScript
<b>PHP Frameworks</b>	CodeIgniter (2 yr.), Laravel (3 yr.), Symfony, Yii
<b>JavaScript Frameworks</b>	jQuery, Node.js, React
<b>Data Analysis and Visualization Technologies</b>	Data Analysis (1 yr.)
<b>Databases &amp; Management Systems / ORM</b>	MongoDB, MySQL (5 yr.), PostgreSQL, SQLite
<b>UI Frameworks, Libraries, and Browsers</b>	jQuery
<b>Cloud Platforms, Services &amp; Computing</b>	AWS (1 yr.)
<b>Amazon Web Services</b>	AWS CloudTrail (1 yr.)
<b>Azure Cloud Services</b>	Azure DevOps (2 yr.)
<b>Deployment, CI/CD &amp; Administration</b>	CI/CD (2 yr.)
<b>Platforms</b>	Drupal (1 yr.), OpenCart (1 yr.), WordPress (3 yr.)
<b>SDK / API and Integrations</b>	Facebook Auth (1 yr.), Stripe (1 yr.)

## WORK EXPERIENCE

### Senior Software Engineer, Enterprise-grade Applications Backend and Infrastructure

**Duration:** Aug 2024 – Present

**Summary:**

- Architected secure backend systems and scalable infrastructure for enterprise-grade applications
- Integrated 10+ third-party APIs, including NASA Earthdata, Stripe, and cloud automation tools
- Improved database queries and server processes, reducing response time by 30%
- Directed AWS deployments and CI/CD pipelines across staging and production environments
- Contributed to Flutter mobile app development, improving API performance and stability
- Provided customized WordPress solutions, increasing client conversion rates by 18%
- Collaborated with cross-functional teams to deliver projects 15% ahead of schedule

**Responsibilities:** Architect backend systems and scalable infrastructure; integrate third-party APIs; improve database queries and server processes; direct AWS deployments and CI/CD pipelines; contribute to Flutter mobile app development; provide customized WordPress solutions; collaborate with cross-functional teams.

**Technologies:** PHP, Laravel, WordPress, Flutter, AWS, CI/CD, NASA Earthdata API, Stripe API

### Software Engineer, Enterprise Applications Architecture and Team Leadership

**Duration:** Mar 2023 – Aug 2024

**Summary:**

- Led architecture design for 4+ enterprise applications, mentoring a team of 5 developers and reducing delivery time by 20%
- Reviewed code, assigned tasks, and ensured clean coding standards
- Enhanced application stability and performance through debugging and optimization
- Deployed scalable solutions and streamlined workflows for team productivity

**Responsibilities:** Lead architecture design; mentor development team; review code and assign tasks; ensure coding standards; debug and optimize applications; deploy scalable solutions; streamline workflows.

**Technologies:** PHP, Laravel, CodeIgniter, DevOps, CI/CD

### Software Engineer, E-commerce Platform Migration and Backend Architecture

**Duration:** May 2022 – Apr 2023

**Summary:**

- Introduced CI/CD pipelines that reduced deployment time by 40% and minimized production errors by 25%
- Directed full-scale migration from Drupal to OpenCart, transferring 20,000+ records with zero data loss and reducing system load time by 35%
- Architected backend services with multi-domain database connections and high-performance architecture



**Responsibilities:** Implement CI/CD pipelines; direct migration from Drupal to OpenCart; transfer large data sets with zero data loss; architect backend services with multi-domain database connections.

**Technologies:** Drupal, OpenCart, PHP, CI/CD, MySQL

## Senior Software Engineer, Scalable Web Applications and WordPress Solutions

**Duration:** Sep 2021 – May 2022

**Summary:**

- Built 6+ scalable web applications using Laravel, supporting 10,000+ monthly users with 99% uptime
- Presented custom WordPress themes and plugins with optimized performance and security
- Oversaw deployment and release processes, server setup, and environment configuration

**Responsibilities:** Develop scalable web applications; create custom WordPress themes and plugins; optimize performance and security; manage deployment and release processes; configure servers and environments.

**Technologies:** PHP, Laravel, WordPress, MySQL, DevOps

## Associate PHP Developer, RESTful API Development and Feature Enhancement

**Duration:** Mar 2019 – Sep 2021

**Summary:**

- Engineered 15+ RESTful APIs using CodeIgniter, improving system performance by 35% and reducing database load
- Collaborated with senior developers to enhance features and ensure performance
- Fixed bugs and enhanced existing features to improve application functionality

**Responsibilities:** Develop RESTful APIs; collaborate with senior developers; fix bugs; enhance features; improve system performance.

**Technologies:** PHP, CodeIgniter, MySQL

## EDUCATION

- **Bachelor's Degree, Software Engineer**  
Karachi University  
2017 – 2020

## CERTIFICATION

- **Certification**  
Agentic AI PIAIC  
2026 – Present

