MUHAMMAD FURQANUDDIN 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

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