

PROFILE SUMMARY

Senior Backend Developer with over 5 years of experience in designing and developing high-performance, scalable, and secure systems using PHP, Laravel, Symfony, and CakePHP. Adept at building microservices architectures and handling high-traffic platforms for millions of users. Proven expertise in CI/CD pipelines, Continuous Integration (CI), Continuous Deployment (CD), and backend optimizations using Redis, queues, and load balancing. Skilled in working with RESTful APIs, TDD, and maintaining robust security measures to ensure data integrity. Extensive experience with AWS infrastructure, Docker, Kubernetes, and relational databases like MySQL and PostgreSQL. Dedicated to writing clean, maintainable code following best practices such as SOLID, KISS, and DRY principles.

TECHNICAL SKILLS

- **Frameworks:** Laravel, CakePHP, Symfony, Core PHP, CodeIgniter, Lumen, Microservices Architecture
- **Languages:** PHP, Golang, JavaScript, jQuery, TypeScript, Node JS,
- **Database:** MySQL, PostgreSQL, MongoDB, Redis
- **Deployment & Infrastructure:** CI/CD Pipelines, GitHub Actions, Jenkins, AWS (EC2, S3, LightSail, RDS, SQS, Lambda), Docker, Kubernetes, RabbitMQ, ELK (Elasticsearch), Queues, Load Balancing
- **Real-time Systems:** Web Socket, Google Analytics, Redis
- **Unit Testing:** PHPUnit, Test Driven Development (TDD)
- **Version Control:** GIT, Bitbucket, Gitlab
- **Front End:** HTML, CSS, Bootstrap, React.js, Vue.js
- **API Development:** Web Services, Web APIs, Restful APIs, Microservices
- **API Testing:** Postman, API Documentation
- **Task Management:** Atlassian Jira, Trello
- **Others:** JSON, TDD, DDD, KISS Principle, OOP, SOLID Principle, Agile, Scrum, Security Best Practices

PROFESSIONAL EXPERIENCE

Classera - Senior Backend Engineer (PHP/React)

Lahore, Pakistan | June 2022 - Present

- Led the development of scalable backend services for Student Information Systems (SIS), Learning Management Systems (LMS), and Virtual Labs, handling millions of users worldwide.
- Developed and maintained a microservices architecture to support the platform's scalability, improving system modularity and reducing downtime by 30%.
- Implemented Redis for caching and queues for asynchronous processing, reducing response times by 40%.
- Built CI/CD pipelines using Jenkins, ensuring Continuous Integration (CI) and Continuous Deployment (CD), automating testing, building, and deployment processes, which reduced manual intervention by 90% and accelerated the release cycle.
- Integrated high-security measures, ensuring Fort Knox-level security for sensitive educational data.
- Collaborated with cross-functional teams (mobile, QA, marketing, business) to deliver high-quality, scalable software solutions.
- Optimized platform performance to handle millions of users globally, ensuring 99.99% uptime during peak traffic periods through load balancing and caching mechanisms.
- Contributed to sprint planning, goal setting, and review sessions to meet project milestones and ensure continuous improvement.

Tkxel - Senior Backend Engineer (PHP)

Lahore, Pakistan | November 2021 - June 2023

- Developed a high-performance backend infrastructure for a job portal using PHP (Laravel, Lumen, React), ensuring smooth processing for 50,000+ monthly users.
- Designed and implemented microservices to handle high-traffic surges, increasing system efficiency by 20%.
- Integrated Redis for caching and optimized database queries, reducing loading time by 15%.
- Built CI/CD pipelines to automate Continuous Integration (CI) and Continuous Deployment (CD), reducing errors in production by 40%.
- Developed a media upload system with AWS S3, offloading heavy data processing to the backend, improving front-end performance. Improved loading time by 15% through Redis cache and enhanced accessibility with React-PDF integration for user-friendly document access.
- Worked with stakeholders to clarify project requirements and provided high-performance solutions across the project lifecycle.
- Demonstrated expertise in constructing and sustaining operationally robust solutions across their entire lifecycle.

Cartlow - Software Engineer (PHP)

Lahore, Pakistan | February 2019 - November 2021

- Designed and maintained high-performance e-commerce platforms using Laravel and Symfony to support millions of users.
- Wrote clean, well-designed code and ensured code quality by adhering to best practices like KISS, DRY, SOLID Principles.
- Integrated Redis for caching and queues for background job handling, significantly reducing server load and improving page response times.
- Developed and deployed CI/CD pipelines to automate releases, resulting in faster deployment cycles and fewer errors.
- Worked with RESTful APIs, handling large-scale data transactions across the e-commerce system.
- Engineered the backend of a high-performance e-commerce platform, optimizing queries and implementing Redis caching and queues, improving response times by 30% and handling millions of transactions per month.
- Collaborated with front-end developers to ensure smooth integration of back-end services and user-facing elements.

EDUCATION

COMSATS University Islamabad

Bachelor of Science in Software Engineering

Sahiwal, Pakistan

2016-2019

- Awards: Event Ambassador at GIKI University
- Talent Hunt Scholarship

CERTIFICATIONS

- PHP and Laravel: ([Link](#))
- Cypher Fundamentals: ([Link](#))

PROJECT DETAILS

WorkinAUS ([Link](#))

WorkinAUS creates a seamless connection between international and local talent, Australian employers, and recruiters. The platform integrates various microservices to handle millions of users and support job seekers, employers, and migration specialists.

- **Key Technologies:** PHP (Laravel), Microservices, MySQL, RESTful APIs, Redis, CI/CD Pipelines, AWS (S3, EC2), Docker.

- Developed a scalable backend architecture using Laravel and microservices, ensuring high availability and fault tolerance.
- Implemented Redis for caching and background job processing, handling over 50,000+ monthly users.
- Automated deployments using CI/CD pipelines, reducing manual deployments and minimizing downtime.

SurjX ([Link](#))

SurjX is an online ride-hailing system with drivers available 24/7, providing real-time price estimates and multiple payment options.

- **Key Technologies:** PHP (Laravel), Node JS, MySQL, JavaScript, AWS (S3), Microservices, RESTful APIs, Redis.
- Led the backend development using Laravel, Node JS and microservices, ensuring a scalable architecture to manage real-time requests.
- Integrated Redis for handling real-time data and improving response times for ride price estimates.
- Built a secure payment gateway integration with multiple payment methods using Stripe API.

Cartlow ([Link](#))

Cartlow is a pioneering e-commerce app offering certified open-box, refurbished products at affordable prices with warranties. It operates across B2B, B2C, and D2C models.

- **Key Technologies:** PHP (Laravel, CakePHP), MySQL, PostgreSQL, AWS (S3, EC2, RDS), Redis, Stripe, CI/CD Pipelines.
- Developed the backend architecture using Laravel and CakePHP to handle millions of transactions per month.
- Implemented Redis for caching and queues for background job processing, improving server performance and reducing load times by 30%.
- Integrated Stripe for secure payment handling, ensuring a smooth checkout experience for users.
- Automated deployment using CI/CD pipelines, reducing errors and downtime during release cycles.

News Aggregator

The News Aggregator platform collects and filters articles from multiple sources, delivering a personalized news feed to users. It supports features like article search, user preferences, and seamless mobile responsiveness for a smooth user experience.

- **Key Technologies:** PHP (Laravel), React.js, Docker, Microservices, MySQL, Redis, RESTful APIs.
- Developed a microservices-based backend architecture using Laravel to handle large-scale news data ingestion and storage, ensuring scalability and fault tolerance.
- Integrated Redis for caching and optimizing background tasks, reducing API response times and improving platform performance.
- Utilized Docker for containerization, enabling isolated environments for both the frontend and backend, ensuring seamless local development and production deployment.

ADDITIONAL INFORMATION

- **Languages:**
 - English (Professional)
 - Urdu (Native)
 - German (Basic - Learning)