



## Usama Ahmad - Senior Software Engineer

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### ABOUT ME

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With over **7 years** of experience as a **Senior Lead Software Engineer** at coeus GMBH, citlali & Techlio, I have dedicated my career to advancing robust web applications. My proficiency spans **Symfony, Laravel & Drupal** with a focus on crafting secure and scalable platforms. I am unwavering in my commitment to implementing top-tier security practices. In addition to my core skills, I bring valuable expertise in eCommerce platforms as well.

### WORK EXPERIENCE

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#### Senior Lead Software Engineer

***citlali - Med Tech*** [ 01/12/2023 – Current ]

City: Chicago

Country: United States

#### **Star Med Labs** (01 Nov, 2023 - Present)

- **Technologies:** Laravel 7 / 10, MySQL, Dockerization, CI / CD Github Actions, DigitalOcean, Mirth / HL7, Athena EMR.
- **Role:** As a Senior Software engineer, I actively do programming and side by side I lead Pakistan & USA based team of developers to assist them technically, quality assurance team, consultants and clients.
- **Accomplishments:** I Upgraded Legacy Med tech LIS system to enterprise level application, Optimized database, implemented dynamic data approaches, implemented queues and other data structures and provide technical support to the team and ensure client / consultants requirements are met. I integrated US top Interfaces like Athena, HL7 and EMR system with LIS solution.

#### Senior Software Engineer

***coeus gmbh - Fin Tech*** [ 03/09/2019 – 01/11/2023 ]

City: Berlin

Country: Germany

#### **PluginsDashboard | FinanceTrack** (01 JAN, 2022 - 01 Nov 2023)

- **Technologies:** Laravel 9 / Symfony 6, MySQL, AWS services.
- **Role:** Developed a comprehensive financial tracking system enabling users to manage their expenses and income seamlessly. Implemented robust authentication and authorization mechanism for secure user access. Integrated Stripe API for handling financial transactions and payment processing. Worked on Laravel Nova as well.
- **Accomplishments:** Improved overall system security through encryption and secure practices. Streamlined database optimal performance and introduced a task scheduler for automated data updates. Resolved webhook failure issue and resolved cron stuck issues.

#### **Banking Check | Diverses** (01 JAN, 2022 - 01 OCT, 2023)

- **Technologies:** Symfony 6 / Symfony 5, PHP, MySQL, AWS services.
- **Roles:** As a senior software engineer, I implemented OAuth 2.0 / SQS data structure for missing reviews issue and handle page load time / timeout issues. Written number of APIs, handled AdminLTE v3, worked on Sonata Admin Panel and setup crons.
- **Accomplishments:** Optimized queries / page load time & resolved cron stuck issues. Minimized API calls to half.

#### Workflows | Taxpenses (01 MAR, 2021 - 01 JAN, 2022)

- **Technologies:** Laravel 8, Symfony 4, PHP, MySQL, AWS services.
- **Role:** As a software engineer, I designed complete frontend / backend that send emails to shop owners on getting reviews from 6 microservices. Shop owners / admins can set notification details and templates for emails. Also created web panel for taxation system in laravel 8.
- **Accomplishments:** Filtered out api hits to microservices from 30k to 10k each day and optimized db structure.

#### Manual Review Request | IR (07 AUG, 2020 - 01 MAR, 2021)

- **Technologies:** Symfony 3.4 / Laravel 7, PHP, MySQL, AWS services.
- **Role:** As a software engineer, I implemented multi domain single database architecture to fulfill parent/child hierarchy for custom added field / forms to send requests to customers for reviews from eKomi clients. Also build an IR application for instant reviews thing.
- **Accomplishments:** Designed, developed and shipped MRR / IR apps with implementation of multi domain single database architecture as a finished product for web based clients in 4 months with team of 2 engineers.

#### 4Art Technologies | Marker place (3 SEP, 2019 - 07 AUG, 2020)

- **Technologies:** Symfony 3.4 / Laravel 7, PHP, MySQL, AWS services.
- **Role:** As an Associate software engineer I implemented OAuth 2.0/queues/push notifications, number of API's and complete backend for IOS/Android Application.
- **Accomplishments:** Developed and shipped 4Art / market place backend from the concept to a finished product for Android / IOS applications.

#### **Software Engineer**

**Techlio PVT Limited** [ 01/09/2018 – 16/02/2019 ]

Country: United States

#### Consultation Reservation Application (09 SEP, 2018 - 08 JUL, 2019)

- **Technologies:** Laravel 8, PHP, MySQL and AWS services.
- **Role:** As a key contributor, I played a pivotal role in enhancing the consultation Reservations by increasing users usability.
- **Accomplishments:** Improved overall system reliability by implementing spatie bundle for better user experience. Innovatively created diverse themes, modules and APIs, enriching the applications functionality. Implemented cron jobs for automated processes.

#### **Backend Developer**

**Freelance** [ 12/02/2016 – 12/02/2019 ]

City: chicago

Country: United States

#### Freelancing Projects (2016 - 2019)

- **Technologies:** Core PHP, Laravel, MySQL and wordpress.
- **Role:** During this period, I engaged in freelancing and contributed to around 20 diverse projects encompassing various technologies.
- **Accomplishments:** Successfully managed and contributed to variety of freelance projects, demonstrating adaptability across different systems and solutions. Specialized in WordPress customization, enhancing the functionality of websites. Demonstrated proficiency in Core PHP, addressing various project requirements and ensuring efficient and reliable solutions.

## EDUCATION AND TRAINING

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### **bachelors in computer science**

**PUCIT** [ 01/01/2015 – 08/02/2019 ]

Final grade: I completed my bachelor's degree with a CGPA of 3.41.

### **FSC**

**KIPS** [ 10/05/2012 – 04/06/2014 ]

Final grade: I successfully finished my Intermediate degree with an 84.27 percent score.

### **Matric**

**Grammer School** [ 09/08/2010 – 15/03/2012 ]

Final grade: I achieved an 87 percent score in my matriculation exams.

## DIGITAL SKILLS

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Laravel / Symfony / PHP / Drupal / MySQL / SQL / Github / AJAX / MVC / JavaScript / JQuery / Docker  
/ Linux / Git / Visualization tools / HTML / CSS / Bootstrap / kibana / grafana / bugsnag