

MUHAMMAD WASIM ARSHAD

MANAGER SOFTWARE ENGINEERING • LAHORE, PAKISTAN • 923457155505

• DETAILS •

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• LINKS •

[Personal Profile](#)

[Linkedin Profile](#)

• SKILLS •

Technical Project Management

Principles and Practices of Engineering

Team Leadership

AI Tools

Time Management Skills

Ability to Work in a Team

Creative Problem Solving

Agile Methodologies

Analytical Thinking Skills

Communication Skills

Ruby on Rails

PHP

Nodejs

Angularjs, Angular, React

SQL, MySQL

AWS

DevOOPS

System Design

.Net C#

• LANGUAGES •

English

Urdu

• PROFILE •

Engineering Manager with 15 years in healthcare software, leading teams to build and modernize EHR products. Expert in eMAR, EMR, scheduling, Payroll management, LMS, Appointments and medical billing systems, with hands-on experience in Angular, React Native, Ruby on Rails, Node.js, React and micro-services architecture. Passionate about scalable solutions, agile leadership, and mentoring high-performing teams.

• EMPLOYMENT HISTORY •

Manager Software Engineering at iCareManager

August 2022 — Present

- Led and developed** across teams multiple modules, including Staff Time and Attendance, Staff Shift Scheduler, eMAR, EMR, Appointment Management, Training Management, Event Management, Provider/Doctor Management, and Medical Billing.
- Revamped** the eMAR module by migrating 100% of legacy code to modern technologies, leveraging a micro-services architecture improved system reliability and efficiency by 90%.
- Refactored** The Staff Time and Attendance module, implemented pub-sub techniques and clean architecture to improve code maintainability by 50%.
- Scaled** the legacy system database by applying CQRS methods, enhancing performance and reliability.
- Re-architect** Solution from legacy monolithic solution to modular monolithic solution.

Solution Architect at iCareManager

March 2018 — August 2022

- Developed** the front-end application of an EHR product using AngularJS and Angular.
- Developed** Micro-service for messaging/commenting using AWS lambda service and DynamoDB.
- Built** iOS and Android mobile applications for the EHR and EMAR product and American Train schedules using React Native.
- Developed** apple watch applications for American trains schedules.
- Implemented** clean architecture at Credibal.com to enhance scalability and maintainability of the product.

Principal Software Engineer at Credibal

May 2015 — March 2018

- Developed** a product for a non-profit organization to streamline donation management and donor engagement.
- Implemented** donation campaigns, mapped donor contributions to organizational spending, and built a donor portal for managing past donations and accessing impact reports.
- Utilized** Ruby on Rails and Angular for full-stack development.
- Managed** deployments across all environments, including Development, QA, and Production.

◦ **Sr. Software Engineer - Team Lead at Hashe Computer Solutions**

2014 — 2015

- **Designed and delivered** an MVP for a freight management platform, integrating a vendor communication chatbot, fintech module, and bidding system using PHP and Angular.
- **Developed** a web application for nearby business discovery, enabling businesses to self-register and allowing users to search services such as “Nearby Medical Store.”
- **Built** a scheduling mobile application using the IONIC framework to streamline appointment and task management.

◦ **Sr. Software Engineer at Fortsolution**

2011 — 2014

- **Developed** mobile tracking and vehicle tracking applications to enhance real-time monitoring capabilities.
- **Engineered and maintained** software across multiple programming languages, including PHP, Angular, Ruby on Rails, Node.js, and JavaScript.
- **Designed and built** an interactive iPad storybook application, delivering an engaging user experience.
- **Led** a team of developers to successfully deliver a major software project on time and within budget.

◦ **Software Engineer at ApniMarket.pk**

2010 — 2011

- Developed web applications using PHP, JavaScript, HTML, CSS.
- Developed web application using WordPress.

❖ **EDUCATION**

◦ **Masters of Computer Science, Bahaudin Zakaria University Multan**

August 2008 — May 2010

◦ **Bachelor (Double Maths and Physics)), Govt. Degree College, Burewala**

2006 — 2008

❖ **COURSES**

◦ **Project Management, Lumx**

March 2025 — May 2025