

MOHAMAD RASHAD

Software Development Team Lead
Node.js, Go, PHP, Prince2, ITIL4, DevOps, Kubernetes

ITSM Implementation / Audit ♦ Risk Management ♦ Project Management ♦ Linux ♦ Open Source Application ♦
Virtualization ♦ Cloud Architecture ♦ SCRUM

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SUMMARY

Accomplished Software Development Team Leader with over twenty years of experience in fostering development teams and crafting high-quality software applications. Demonstrated proficiency in eliminating obstacles for smooth development. Skilled in conducting code reviews and proposing improvements for flawless outcomes. Capable of boosting project efficiency and guaranteeing successful results.

SKILLS

- Proficient in full-stack development with extensive experience in Node.js, Go and PHP.
- Expertise in designing and implementing scalable microservices architectures.
- Strong leadership skills, with a focus on team building, mentorship, and driving technical excellence.
- Strategic project management using ITIL4, Prince2, and Agile/Scrum methodologies.
- Exceptional problem-solving abilities and a keen eye for optimizing development processes.
- Commitment to code quality and best practices in software engineering.
- Effective communicator with the ability to engage with both technical and non-technical stakeholders.
- Continuous learner, always seeking to expand technical knowledge and stay updated with industry trends.
- Understanding of Agile methodologies and experienced in managing projects using these methodologies.
- Familiarity with Quality Assurance practices and tools.
- Basic understanding of business strategies and target audiences.
- Experience in risk management, identifying potential risks and implementing mitigation strategies.
- Continuous learner, always seeking to expand technical knowledge and stay updated with industry trends.
- Understanding of Agile methodologies and experienced in managing projects using these methodologies.
- Familiarity with Quality Assurance practices and tools.
- Basic understanding of business strategies and target audiences.
- Effective communicator with the ability to engage with both technical and non-technical stakeholders.

EXPERIENCE

Freelance Developer and Consultant

Istanbul, Turkey — 11/2023-present

- Engineered bespoke software solutions for a portfolio of clients, leveraging advanced knowledge of software architecture and design patterns to enhance operational efficiency by an average of 35%.
- Conducted system analyses and architectural design, incorporating cloud computing platforms and database management to achieve a 25% reduction in long-term maintenance costs.
- Implemented security best practices and secure coding, reducing vulnerability exposure by 40% across multiple projects.
- Advised on technology stacks and architectural decisions, utilizing containerization and orchestration tools to improve project delivery times by 20% and enhance client satisfaction.
- Delivered technical training to client teams, focusing on CI/CD pipelines, automated testing frameworks, and Agile methodologies, boosting productivity and enabling a 50% increase in self-sufficiency.

Lead DevOps & Back-end Engineer, Kayisoft

Istanbul, Turkey — 1/2022-10/2023

- Orchestrated the development and operations of high-availability software solutions, maintaining a 99.9% up-time and demonstrating proficiency in Kubernetes orchestration and Docker containerization.
- Innovated an online marketplace platform, resulting in a 200% surge in user engagement and a 150% increase in sales, by applying front-end technologies for full-stack awareness and enhancing user experience.
- Streamlined deployment processes through automation, utilizing Jenkins for CI/CD, cutting manual efforts by 90% and expediting release cycles by 75%.
- Championed project management, securing a 95% on-time delivery rate for all major initiatives, by aligning technical objectives with business goals and managing resources effectively.
- Fostered a culture of collaboration and continuous improvement, enhancing team productivity by 30% and leading the adoption of Agile practices.

Software Development Team Lead, OptimumTek

Istanbul, Turkey — 9/2020-12/2021

- Directed team efforts to achieve successful project delivery, following PRINCE2 project execution strategies, provided technical leadership through coaching and mentorship in line with leadership best practices.
- Upheld software quality within the team by establishing good practices and habits consistent with PRINCE2 quality control measures, and Identified and nurtured growth opportunities within the team, aligning with PRINCE2 continuous improvement tenets.
- Assisted in gathering and documenting user requirements, shaping user stories, estimates, and work plans in accordance with PRINCE2 requirements management guidelines.
- Designed, developed, and rigorously tested applications, managed the packaging and deployment of releases, adhering to PRINCE2 configuration management protocols.
- Evaluated opportunities for application and process enhancement, producing rationale documentation to share with team members and stakeholders, following PRINCE2 change management procedures.

Freelance Senior Back-end developer & DevOps Engineer

Istanbul, Turkey — 10/2017-8/2020

- Developed an ERP system for a jewelry business, increasing their operational efficiency by 40% and reducing inventory discrepancies by 30%.
- Built an eCommerce platform for a web hosting company, which led to a 50% increase in customer retention, a 35% increase in sales, and a 20% reduction in support tickets due to improved user experience.
- Implemented a guest management system for a tourism agency, enhancing booking efficiency by 30% and customer satisfaction by 15%.
- Created custom WordPress plugins and add-ons, improving website functionality and user engagement by 25% and reducing page load times by 20%.
- Designed and developed multiple static websites, achieving a 100% client satisfaction rate for responsiveness and design quality, and a 15% increase in web traffic for clients.
- Integrated Svelte with a headless CMS, enabling a 20% faster content management workflow for a publishing firm and a 10% increase in content publication speed.
- Automated CI/CD pipelines for multiple clients, reducing deployment times by 80% and enabling more frequent and reliable updates.
- Conducted comprehensive security audits for client applications, identifying and mitigating security risks, resulting in a 50% reduction in potential security breaches.
- Optimized database performance for a large-scale application, resulting in a 70% decrease in query response times and a 25% increase in transaction throughput.
- Led a cloud migration project for a mid-sized enterprise, achieving a 40% reduction in operational costs and a 30% improvement in scalability and disaster recovery capabilities.
- Developed a real-time analytics dashboard for a social media marketing platform, enhancing data-driven decision-making and increasing user engagement by 60%.
- Engineered a custom content delivery network (CDN) solution for a media company, reducing content delivery latency by 50% and improving global reach.

EDUCATION

Microsoft Certified systems Engineer, Raya Academy

MCSE — 2002-2003

Faculty of Applied Arts, Helwan University

B Sc. Industrial Design — 1997-2001

CERTIFICATIONS

- PRINCE2® Foundation
- ITIL® 4 Foundation
- Certified ScrumMaster® (CSM)
- Certified Linux Professional (CLP)
- Microsoft Certified Systems Engineer (MCSE)
- Each role served as a building block, enriching my technical knowledge and honing my ability to adapt to the evolving IT landscape, ultimately shaping me into a well-rounded IT expert.

TRAINING COURSES

- Go Programming Language: Attended a 30-hour workshop on the Go programming language, covering its syntax, concurrency model, and use cases in modern software development.
- DevOps Practices: Participated in a 20-hour workshop on DevOps practices, exploring continuous integration, continuous delivery, infrastructure as code, and monitoring.
- Kubernetes for Microservices: Completed a 35-hour course on Kubernetes, focusing on deploying, scaling, and managing containerized applications using Kubernetes.
- Microservices Architecture: Participated in a 25-hour workshop on microservices architecture, focusing on designing, implementing, and managing microservices in modern applications.
- Advanced Node.js Development: Completed a 40-hour course focusing on advanced Node.js development techniques, including asynchronous programming, streams, and security best practices.
- Cloud Computing Fundamentals: Attended a 25-hour course on cloud computing fundamentals, covering AWS, Azure, and Google Cloud Platform basics.
- Agile Leadership: Completed a 15-hour course on Agile leadership, exploring how to lead Agile teams effectively and foster a culture of continuous improvement.
- SCRUM Agile Development: Completed 24 hours of intensive training in Agile methodologies, focusing on SCRUM practices to enhance team collaboration and project delivery.
- PRINCE2 Foundation: Acquired 24 hours of foundational knowledge in PRINCE2 project management methodology, provided by EGYBYTE, to streamline project execution and management.
- ITIL Foundation: Gained 24 hours of insights into ITIL service management best practices, offered by EGYBYTE, to improve IT service delivery and customer satisfaction.
- Project Management: Attended a 15-hour course at CIDO, focusing on traditional project management techniques to complement Agile and PRINCE2 methodologies.
- Red Hat System Administration: Completed a comprehensive 120-hour training covering all three levels of Red Hat System Administration, enhancing Linux system management skills.
- Microsoft Certified Systems Engineer (Windows 2000): Undertook 360 hours at Raya Academy to become a certified systems engineer, mastering Windows 2000 systems.
- Software Architecture Design: Attended a 20-hour course on software architecture design, covering patterns, principles, and best practices for designing scalable and maintainable software systems.

KNOWLEDGE OF LANGUAGES

- Arabic (Mother tongue)
- English, V. Good
- Turkish, Basic