Muhammad Affan Qureshi

SOFTWARE ENGINEER

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SUMMARY

I am a Software Engineer and Full Stack developer with 4 years of experience, having a strong foundation in developing and deploying scalable, secure, and efficient web applications. My expertise includes proficiency in JavaScript, PHP, React, Node.js, SQL, and NoSQL databases. Throughout my career, I have successfully collaborated with cross-functional teams to deliver high-quality solutions that meet customer requirements and business goals. Having experience in both front-end and back-end development, including designing and implementing RESTful APIs, developing user-friendly interfaces, and ensuring optimal application performance, I am looking forward to working with your well-reputed organization.

EXPERTISE OFFERED

- ✓ Excellent Programming
- ✓ Complex Problem Solving
- ✓ API Development
- ✓ Algorithm Creation
- ✓ Third-Party Service Integrator
- ✓ Customer Dealing and Satisfaction
- ✓ Data Structures
- ✓ Version Control System
- ✓ Problem Solving and Debugging

- ✓ Backend Development
- ✓ Frontend Development
- ✓ Full Stack Development
- ✓ Database management
- ✓ Agile Methodologies
- ✓ Code and Query Optimization
- ✓ Object Oriented Programming
- ✓ Development Methodologies
- ✓ Software Architecture

- ✓ Security Implementation
- ✓ Project Management
- ✓ Analytic and Critical Thinking
- ✓ Stakeholder Engagement
- ✓ Decision-Making Ability
- ✓ Time Management
- ✓ Test Automation
- ✓ Cloud Computing
- ✓ DevOps Practices

TECHNICAL SKILLS:

- Programming Languages: PHP, JavaScript, Typescript, Java, C#
- Frontend: Next.js/React.js, jQuery, Ext.js, HTML, CSS
- Backend: Node.js, Express.js, ASP.Net, Laravel, Yii
- Database: MySQL, MS SQL, PostgreSQL, MongoDB
- Version Control: Git, Bitbucket, TortoiseSVN
- Tools & Technologies: RESTful APIs, GraphQL, Agile Methodologies, Jira, Sprint & Scrum, AWS EC2, AWS RDS, AWS S3 bucket, Docker, Firebase, Ably, Sentry.io, WordPress, Sugar & Suite CRM, SFTP

PROFESSIONAL EXPERIENCE

SR. FULL STACK DEVELOPER
August 2023 - January 2024
Cache Cloud (Pvt.) Ltd
Islamabad, Pakistan

As a Senior Full stack developer, I have performed the following tasks:

- Design, implement, and manage solutions for web applications including system architecture, database models, visualizations, and coding standards.
- Develop reusable user interface components and front-end libraries
- Proactively analyze website performance and implement solutions for improvement
- Collaborate with architects, developers, business analysts, and QA analysts to design, and develop applications
- Working on issues in Jira with the team
- Integrate data from various back-end services, third-party APIs, and databases
- Working with mentor/team lead to further knowledge of AWS Services, tools, or even new languages to address project needs.
- Own the deployment of software and set up monitoring
- Mentor junior engineers through peer coding, perform code reviews, prepare knowledge transfers, discuss how we write code, and improve the developer experience
- Conduct training & provide technical documentation for developers and application administrators to support and maintain the system.

Highlighted Achievements:

- **Implemented Scalable Architecture:** Designed and implemented a scalable microservices architecture that allowed the application to handle multiple clients and 300% increase in user traffic without any performance degradation.
- **Cross-Functional Collaboration**: Led a cross-functional team of 10 software engineers to deliver projects with 99.9% accuracy, ensuring minimal defects and customer satisfaction.
- **Customer Satisfaction and Retention Achievement**: Managed a project that achieved a 95% customer satisfaction rating, exceeding the company's target of 90% and resulting in a 25% increase in client retention.

SOFTWARE ENGINEER
May 2021 - July 2023

Pixako Technologies (Pvt.) Ltd
Islamabad, Pakistan

As a Software Engineer, the following responsibilities have been assigned to me:

- Lead the Development of web applications using PHP, Laravel, JavaScript, React.js, and Node.js, ensuring adherence to best practices and architectural principles.
- Develop functional digital concepts across various platforms to strengthen company brand and identity.
- Collaborated with cross-functional teams to gather requirements, design solutions, and implement features that meet client needs and business objectives.
- Implemented RESTful APIs and integrated third-party services to enhance functionality and user experience.
- Conducted code reviews, identified performance bottlenecks, and optimized applications for scalability and performance.
- Mentored junior developers, providing guidance on coding standards, best practices, and emerging technologies.
- Review the project specifications and design technology solutions that meet or exceed performance expectations
- Apply exceptional object-oriented programming concepts to build robust and scalable web solutions.
- Coordinate sprints, retrospective meetings, and Daily Scrum/stand-ups.
- Use XML, JSON, and web services to integrate multiple data sources and databases into a unified system.
- Design, develop, and maintain the databases using MySQL and NoSQL, ensuring optimal performance and security.
- Managing flow of CI/CD for staged testing and beta testing using Docker.
- Conducting Training sessions for teams to improve the skill set of my team.

Highlighted Achievements:

- **Successful Third-Party Integrations:** Integrated third-party APIs and services seamlessly, enabling new features such as payment gateways, push notifications (Ably, Firebase), and analytics platforms (sentry.io), enhancing the application's functionality and user experience.
- **Awarded Employee of the Month in July 2022 & January 2023,** showcasing consistent excellence and dedication that set a benchmark for peers to emulate, and reaffirming a commitment to fostering a culture of achievement and recognition within our organization.
- **Sprint King for June and July 2022**: Spearheaded the adoption of agile methodologies, leading to a 20% increase in team productivity and a 15% improvement in project accuracy. Recognized as the 'Sprint King' for June and July 2023, consistently exceeding sprint goals and delivering high-quality work ahead of schedule.

JR. SOFTWARE ENGINEER
September 2019 - April 2021

Caresoft (Pvt.) Ltd
Rawalpindi, Pakistan

As a Junior Software Engineer, I performed the following duties:

- Contributed to the development of PHP-based web applications using the Laravel framework, following industry standards and coding conventions.
- Develop the user interfaces with modern JavaScript Frameworks.
- Develop back-end components to connect applications with web services
- Develop project concepts and maintain optimal workflow.
- Assisted in the design and implementation of front-end interfaces using HTML, CSS, and JavaScript.
- Participated in Agile ceremonies such as sprint planning, daily stand-ups, and retrospectives to ensure timely delivery of features and enhancements.
- Collaborated with senior engineers to troubleshoot issues, debug code, and resolve technical challenges.
- Manage user authentication and authorization for servers and various environments.
- Discuss requirements with senior management & customers and propose innovative & satisfying solutions.
- Work with project manager to manage large, complex design projects for corporate clients.

- Complete detailed programming and development tasks for front-end public and internal websites as well as challenging back-end server code.
- Dealing with technically challenging scenarios irrespective of any programming language barrier.

Highlighted Achievements:

- **Streamlined Database Queries**: Optimized database queries and indexing strategies, reducing query execution time by 40% and improving application responsiveness and scalability.
- **Cross-Platform Compatibility**: Developed cross-platform applications compatible with multiple devices and operating systems, reaching a wider audience and increasing market share.
- **Enhanced Security Measures**: Implemented robust security measures, including encryption protocols and authentication mechanisms, resulting in 0 security breaches over a two-year period and ensuring data integrity and user privacy.

PROJECTS

- **Braintreemd Medical EHR System**: Provide all medical services from appointment till the discharge of patient.
- **Allotrac** is a cloud-based Transport Management System that provides end-to-end visibility.
- **Workorder Management System** is an exclusive proprietary issue-tracking web application.
- **IT Service Management (ITSM)** lets you manage services and handle requests from your customers.
- **TeleHospital**: Provide to local hospitals in Pakistan
- **Online Student Market Place (FYP)**: Student sells their services to other departments.

EDUCATION

Bachelor of Science in Computer Engineering (EA Skill Assessed)
University of Engineering and Technology Taxila   Taxila, Pakistan

CERTIFICATIONS

Full Working Rights	Australia
React.js	TestDome
DevOps Certification Training	Simplilearn
Microsoft Word, Excel, PowerPoint & Access Specialist	Microsoft
Employee of the Month July 2022 & January 2023	Pixako
Sprint King of the Month June & July 2022	Pixako

INVOLVEMENT

✓ Member	Engineers Australia
✓ Finance Head	Society of Computer Engineers
✓ General Secretary	Women Empowerment Society

LANGUAGES

✓ English	Professional Proficiency
✓ Urdu	Native Proficiency