Full Stack Software Engineer
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ZIA MUHAMMAD
Doha, Qatar

Summary

Software Engineer with over 6 years of experience, I excel in managing and delivering large-scale software projects across diverse technologies and platforms. My expertise spans in both front-end and back-end development, with a strong focus on creating robust, scalable solutions that meet the needs of today's fast-paced, global market.

Experience

Full Stack Software Engineer / Dar Al-Sharq Group, Doha, Qatar.

NOVEMBER 2020 – PRESENT

- Design, develop, and maintain software applications, ensuring high performance and user satisfaction.
- Research and implement new technology stacks.
- Engage in the analysis, design, functionality, testing, security, and support phases of software development.
- Write RESTful web services and web APIs for seamless application-to-application interaction.
- Manage complex databases using MySQL, MariaDB, and PostgreSQL, focusing on data integrity, scalability, and performance in large-scale environments.
- Execute large-scale data migrations, efficiently handling millions of records between projects through APIs and various data sources, ensuring data integrity and smooth transitions.
- Participate in the Software Development Life Cycle (SDLC) and apply agile methodologies to software development processes.
- Design and prepare comprehensive technical documentation to support development and operational needs.
- Maintain a system for documenting code and tracking software developments to ensure transparency and collaboration.

Software Engineer / SimplistQ Solutions, Doha, Qatar.

September 2018 – NOVEMBER 2020

- Research and implement technology stacks.
- Keeping up to date with the terminology, concepts, and best practices for coding Web applications.
- Manage databases and API calls.
- To perform unit test to ensure usability and general reliability.
- Applications performance and bug fixing.
- Continuous evaluation, discovery, and implementation of new technologies to maximize the efficiency of development.
- Deliver error-free code within agreed timescales.
- Application deployment.
- Managed team of developers and clients.

Education

BS Software Engineering (Hons.) / Institute of Management Sciences, Pakistan   September 2018

Skills

- **Technical Skills**
  - **System Analysis**: Advanced knowledge of system analysis and software requirements specification (SRS).
  - **Programming Languages**: Laravel, Vue.js, Nuxt.js, Node.js, PHP, JavaScript, TypeScript, Python, HTML, CSS, SCSS.
  - **Frameworks & Libraries**:
    - Advanced knowledge of Laravel (PHP, MVC)
    - Advanced knowledge of Vue.js, including Vuetify, Vuex, Vue Router, and Axios.
    - Basic understanding of VUE Native Script for mobile app development.
- **Application Development**
  - Strong knowledge of architectural patterns (MVP and MVC).
  - Solid understanding of real-time web applications, chat applications, and real-time pusher integration.
  - Strong expertise in payment gateway and SMS gateway integration.
- **Documentation**
  - Proficient in technical requirement documentation and business requirement documentation.
- **Database Management**
  - Advanced knowledge of MySQL, MariaDB, SQL Server, PostgreSQL, and RDBMS.
- **API Development**
  - Expert knowledge in RESTful APIs; strong understanding of Google Places API and Currency API integration.
- **Version Control & Testing**
  - Deep understanding of version control systems (Git, GitLab, Bitbucket).
  - Experience with testing tools (manual and automation testing, AB Load Testing, Postman, JMeter).
- **Project Management**
  - Knowledge of JIRA, Slack, Trello Agile methodologies, and Scrum practices.
- **Microsoft Office Suit**
  - Advanced proficiency in Excel, PowerPoint, and Word.

Certification/Achievements

- **National Cyber Security Drill 2023 – NCSA Qatar**

  https://drive.google.com/file/d/12YQUkp1YYUh46x2vc_5T9L-5PJ8leAEz/view?usp=drive_link

- **GCP Fundamentals: Big Data & Machine Learning Awarding institution – Cloud Onboard**

  https://drive.google.com/file/d/1WTm0cJTXCmSf8j2i4Pi4o4keCA4DqEPL/view?usp=drive_link

- **MS Word – Microsoft**

  https://drive.google.com/file/d/1XXESYM6JkBI8wqFyz88As6GpulOCu834/view

- **MS Excel – Microsoft**

  https://drive.google.com/file/d/17NW9qB-pZTHXNkf0ZF9_zDKrSJcCaTCI/view

- **MS Power Point – Microsoft**

  https://drive.google.com/file/d/1Q-SQn6fVjeA2B3_oEhabToSO7X5kw-Ea/view

Projects

- **Qatar Press Centre**

  innovative platform for media professionals, influencer and journalists in Qatar. Oversaw the full development cycle, including concept, planning, deployment, and maintenance. Key features included a user-friendly CMS, integration with social media, and real-time news updates.

  Link (https://qatarpresscenter.com)

- **Kids Expo**

  The "Kids Expo" stands as a pioneering event in the State of Qatar, encompassing a noteworthy group of governmental and private sectors and entities, service providers, and companies. Its primary objective is to showcase their services, establishing itself as a platform for experts in development, education, health, and government entities, as well as those concerned individuals in the State of Qatar and the participating countries.

    Link(https://kidsexpo.qa/)

- **Alarab**

  Alarab is a news platform attracting millions of visitors globally, uniting local, international, and Middle Eastern communities.   Link(https:// alarab.qa/)

- **Lusail News Paper Website**

  Successfully spearheaded the development of APIs and database infrastructure for the innovative Lusail News mobile application. Contributed to enhancing user engagement and facilitating seamless news delivery.

    Link(https://lusailnews.net/)

- **Al Sharq News Paper Website**

  Al Sharq is an Arabic and pro-government daily newspaper published in Doha, Qatar. The paper is one of the three leading Arabic newspapers in Qatar.   Link(https://al-sharq.com/)

- **The Peninsula News Paper Website**

  The Peninsula, one of the leading English dailies in Qatar and Middle East. With over 65 million pageviews thepeninsula.qa (thepeninsulaqatar.com), It is the top news website – in Qatar and Middle East. Last year it has over 8.5 million users visit to website and good majority of the visitors are from Qatar, making it a very hyper website.   Link(https://www.thepeninsulaqatar.com/)

- **Top Solution Qatar**

  TOP Solutions is a leading manufacturer and provider of a full range of turnkey services in the interior design and exhibition stand industry. Headquartered in Dubai with 3 manufacturing facilities in Lebanon, Qatar and the UAE, TOP Solutions services clients across Asia, Europe, and the Middle East.

    Link(https://topsolutionsqatar.com/)

- **Alwaraq**

  Operating since 1974, the award-winning Al Waraq Printing Press (AWPP) is the leading Printing Press of the region, comprising of Commercial Printing (offset, packaging, sheet), Digital Printing and Packaging Printing. Al Waraq Printing Press (AWPP) consists of two production plants, covering more than 61,000 square feet (ft2) of area, making AWPP the largest Printing Press in Qatar

    Link(https://www.alwaraq.qa/)

- **Dar Al Sharq Group**

  Dar Al Sharq Is the Leading Publishing House In Qatar, Offering A Range Of Services Through Its Subsidiaries Including Printing, Publishing, Distribution, And Delivery. They Also Provide Four Highly Regarded Newspapers, Making Them A One-Stop-Shop For All Your Publishing Needs. With A Commitment To Quality And Innovation, Dar Al Sharq Is The Go-To Choice For Businesses And Individuals Alike.

    Link(https://daralsharq.net/)

- **AlSharq Technology**

  Led and contributed to the development of a comprehensive portfolio project for AlSharq Technology. This project encompassed showcasing their array of projects, job vacancies, and blog-related content.

  Link(http://alsharqtech.com/)

- **AL-Mahbara (Doha Port)**

  Al Mahbrah is a company specializing in the design, digital printing and production of gifts. Al Mahbrah strives to elevate the level of design and artistic printing of gifts. Al Mahbrah offers a variety of distinguished services in the field of design, gift printing and printing on material.

  Link (https://almahbrah.com/)

- **SoloStore (Middle East)**

  Single Vendor Ecommerce Project Buy, Sell and Order Daily Usage Products.

- **Eaqaqa (Qatar University)**

  Is a Project for Qatar University Teaching Staff with Collaboration with Qatar National Bank and Qatar University to post research papers and Book for the Student to utilize their Research and Development capabilities according to the new world requirement's?

- **Tiollo (SaaS)**

  A Centralize Web/Android/IOS Application for Restaurant, Hotelier having online food delivery, table reservation, Indoor booking and pickup, takeaway for end users with online payments. The Restaurant and User can use the System with by Real Time Location with Google Apis. This Application is Operating in Several Countries, like Qatar, Dubai, Oman, India and Kuwait.

- **Little Sailor (Restaurant)**

  A Restaurant having online In dine table reservation and booking and pickup, takeaway feature across the Qatar having multiple branches.   Link:(https://littlesailor.enable.qa/)

- Almass water distribution system Qatar

  is to provide online web portal for sale and custody bottle, Assigning driver, routes etc inside the state of Qatar.

  Link:(https://almaswater.com/)

- **AJT Properties Qatar**

  Single Page Application Real Estate Project For Showing Properties for rent and sale,, Include backend as well. it is to provide online web portal to search properties for sale and rent inside the state of Qatar.

- **SSR Qatar**

  is to provide online human resource and staffing service across Qatar to different type of organization and as well as provide facility for job searching people across Qatar.

- **SimplistQ CRM with Payment Gateway (Twyla/Sadad)**

  A CRM Web Based Application to communicate and collection of money through banking channels and payment gate way. Also, its giving to way communication, raise tickets and invoices from both side user and company.

- **Realty Finder**

  is online real-estate website for expatriate and Qatari people to find their dream house in   Qatar.

- **Hamilton Qatar**

  is design to manage large scale project and clients efficiently, it gives the facilities of four type of projects schedules, monthly, quarterly, six-month, and yearly wise, and also give access to customer for end-to-end communication with company.

- **SimplistQ Sale**

  Simplest is design for tele sales and marketing company by which the tale sale marketing company communicate with there managers, executives, accountants and others employee easily.

- **Maroon**

  Maroon website is providing facility to the peoples of Qatar for online shopping, through this website they can purchase any product from any malls in Qatar, (I.e. Safari mall, Carrefour mall, Mall of Qatar etc.).

- **KPK Arms License Project Pakistan.**

  KPK Arms license project is a govt large scale computerized project which spread in twenty-two district of KPK Province of Pakistan, it facilitates the govt institution and the public to make and issue a computerized license. i.e. employers and user records, district wise monthly quota of license,Biometricfacility,Retainerfacilitymodules.

  Link:(http://www.armslicensekpk.com/Tracking/Index/)

- **Final Year project Automation System (FYP Automation).**

  FYP Automation system is a web-based system for University of institute of management sciences. Through FYP Automation system the Coordinator or head of department could assign supervisor to final year students for their FYP. Coordinator can assign best suitable project to supervisor according to his/her specialization and past experiences which is consider by the FYP student for his supervision. Supervisors can assign meeting, task, and make marks for each task and also can discuss the project progress with student.

  - **Blood Bank Management System.**

  This system records and automates the process of case registration, blood groups, Available blood groups, donated blood groups in the store i.e. facility provide to blood store which is related to a blood bank. This can be used at blood store level for managing blood records.

- **University of Engineering and technology Peshawar project** Pakistan

  Involve in Software Development Life Cycle (SDLC) System Requirements, Functional requirements, analysis, Design, meetings and support.   Link:(http://www.uetpeshawar.edu.pk/)