ALI DADO

SR. SOFTWARE ENGINEER

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PROFILE

Versatile Software Engineer and Solution Architect with 10+ years of experience, specializing in developing efficient code and designing innovative solutions for high-volume businesses. Expert in JavaScript, Java, and C# .Net, with a strong foundation in solution architecture principles such as system design, integration, and optimization. Known for quickly mastering new technologies, identifying and solving inefficiencies, and leveraging agile methodologies to drive the software development lifecycle. Combines technical expertise with sharp analytical skills and a detail-oriented approach to deliver scalable, secure, and high-performing solutions that align with business goals and exceed expectations.

EDUCATION

Bachelor's degree, Computer Information Systems | University of Jordan
2003 – 2007

EXPERIENCE

Sr. Software Engineer Specialist | Domino's
JANUARY 2020 – CURRENT

- Engineered a robust, scalable microservices architecture for a high-volume SaaS platform, successfully improving system throughput by 35% and reducing latency by 20% while managing a development team of 5 engineers.
- Engineered robust security protocols and authentication mechanisms for service-to-UI communication, which reduced potential security breaches by 50%, leveraging OAuth, SAML, and advanced encryption standards for Enterprise-level applications.
- Spearheaded the migration of legacy systems to a cloud-based infrastructure, resulting in a 30% cost reduction and enhancing scalability by efficiently moving over 2TB of data and 40+ services to Azure within the projected 6-month deadline.

Tech Team Lead | Socialgist (Effyis)
OCTOBER 2016 – JANUARY 2020

- Developed integration solution between all Socialgist systems (Services, CRM, Accounting, Sales) using Angular and NodeJS
- Experienced in MEAN stack development (Angular, Express JS, Node.JS, MongoDB)
- Implemented DevOps dashboard and integrated DevOps tools (Gradle, Jenkins) for continuous integration and end-to-end automation
- Facilitated the deployment, scaling, and management of Docker Containers using Kubernetes

- Worked with GIT, SVN, Jenkins, and Jira
- Expertise in cloud services (AWS, Docker, Azure) and NoSQL databases (MySQL, MongoDB)

Sr. GIS Developer | UtilNet
JULY 2011 – OCTOBER 2016
- 9 years of experience as a GIS application developer using ArcGIS Desktop, ArcGIS Server, ArcGIS Online, and ArcGIS Pro
- Expertise in application development for ArcGIS Enterprise and ArcGIS Online/Portal using JavaScript/HTML/CSS and various frameworks
- Developed custom applications and automated geoprocessing for ArcGIS Desktop using Python/Arcpy and .NET/ArcObjects

GIS Developer | UtilNet
JULY 2007 – JULY 2011
Involved in the development and support for custom applications built for GIS software platforms provided by ESRI including ArcMap and specifically Ericsson Network Engineer. Also involved in project preparation stage of data migration and conversion, using FME Desktop solution, by converting telecom CAD files into ESRI geodatabase.

PROJECTS

- **CI/CD – Web Apps (2020):** Automated build and deployment process with Jenkins X and Kubernetes, eliminating 80% of manual work
- **System and Service Monitoring (2018): Implemented** and integrate Telegraf, InfluxDB, and Grafana for metrics, system telemetry, and time series analytics.
- **Reddit – MS PowerBI Template (2017):** designed and implemented a MS PowerBI report template for Reddit Date content using Microsoft Azure and PowerBI
- **Customer Portal - Socialgist (2017):** designed and implemented a web solution to help customers monitor and manage existing Socialgist data services.
- **Orange Telecom Jordan (2015):**
  o Orange GIS Web Portal: a GIS web solution based on ArcGIS Server 10.2 and ArcGIS portal, to show customer location, services and technical reported problems over web map in easy way, this system integrated with CRM and trouble ticketing system inside Orange, the client-side build on top of JavaScript (dojo, jQuery), and the server-side build on top .NET WCF.

- **ESRI Germany (2014):**
  o Data conversion: Using FME Desktop software to convert and transform telecom CAD files into ESRI geodatabase.
  o Data migration: Building ArcObjects and NE APIs applications to migrate the data from the geodatabases to Ericsson NE spatial database.
- **HKT (Hong Kong Telecom) (2014):**
  o NE Custom Tools: Designing and implementing multiple Custom tools using NE APIs & .NET ArcObjects to automate engineering functions.
- **Saudi Aramco (2012):**
  o NE Custom Tools: Designing and implementing multiple Custom tools using NE APIs & .NET ArcObjects to automate engineering functions.
- **STC (Saudi Telecom Company) (2009):**

o NE Custom Tools: Designing and implementing multiple Custom tools using NE APIs & .NET ArcObjects to automate engineering functions.
o NE Custom Schematics: Designing and implementing multiple schematics diagrams and tools (High level, Low level, Duct diagram), based on ESRI Schematics solution.

SKILLS & TECHNOLOGIES

- Java Spring Boot
- NodeJS
- JavaScript (Angular, React, jQuery)
- C#, ASP.NET
- Python
- Android SDK, Object C
- Linux (Centos7, red hat)

- Docker and Kubernetes
- MongoDB, CouchBase
- InfluxDB, Elastic Search
- Kafka, RabbitMQ, ActiveMQ
- Apache NiFi
- FME (Feature Manipulation Engine)
- Oracle, MySQL and SQL-Server

WORKSHOPS AND CERTIFICATES

- Microsoft Certified: Azure Fundamentals (2023)
- Certified Kubernetes Application Developer (CKAD) from Cloud Native Computing Foundation (CNCF) (2019)
- "Learn and Understand Angular" course from Udemy.com (2016)
- "Developing Android Apps" course from Udacity.com (2014)
- The Granite Inventory Fast Track from Ericsson (2010)
- "ORACLE Database Administration" from Savytek (2009)
- ESRI Redlands (California) (2008)

OTHERS

- **USSD Dialer Android App:** USSD Dialer enables you to easily manage and use USSD commands available from your network operator.
- **Building servers and solutions for small companies:** I have good experience building solutions for small companies in order to improve workflow and to automate the manual process.