MUHAMMAD HASSAN ADIL

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PROFILE

Well-versed in software development technologies included in Microsoft .Net stack / .Net core along with modern front-end development frameworks like angular, react.

PROFESSIONAL WORK EXPERIENCE

- **Ibex - TRG – Karachi, Pakistan**
  Senior Software Engineer / Assistant Manager – Apr, 2021 to Present
  Working on a service providing e-commerce platform, where different vendors act as a provider to sell their services.
    - Have been working with integrating new providers to the system with their custom buy-flows.
    - Have been involved through-out in client meetings for client requirements and in communication with other teams like QA, UI / UX, Database.
    - To some extent managing junior resources.

- **IT Solutions 24x7 – Karachi, Pakistan**
  Senior Full-Stack Developer – May, 2020 to Jan, 2021
  Worked on back-end of a mobile gaming app.
    - Successfully integrated automated ordering API to send prizes to player's address when they win in the game.
    - Worked for incorporating features and promotions in the game.
    - Had been involved through-out in client meetings for client requirements.

- **Sunbonn Technologies – Karachi, Pakistan**
  Software Developer – Oct, 2019 to Apr, 2020
  Worked on an assessment survey product.
    - Worked with both Back-end and Front-end development.
    - Had been involved through-out in client meetings for client requirements.
    - Had been responsible for complete pipeline from development to deployment on production.

- **Bari's Technology Solutions (BARITECHSOL) – Karachi, Pakistan**
  Software Developer – Mar, 2019 to Oct, 2019
  Worked on a logistics e-commerce product.
    - Involved in developing class libraries for each client contract as per the guidelines defined by them, which includes configuration at each level of the shipment like type of service which can be availed, specifications, input validations, EDI files, manifestation reports and ensure Continuous Integration (CI).
    - Involved in designing printable labels to be placed on the shipments and parcels.
    - Responsible for generating unit tests of every method included in the library and upload the library to the TFS.

- **Gulf Solutions Group (GulfHR) – Karachi, Pakistan**
  Software Implementation Developer – May, 2017 to Mar, 2019
  Worked on HR and payroll management system.
    - Responsible for customizing payroll calculations and processes according to client's specified settings at the time of deployment of the system and later as well.
    - To develop new RDL reports, screens, writing sql stored procedures as required for several processes.
    - Have availed one month business trip sponsored by the company to the head office in U.A.E for better understanding of client dealing processes.

ACADEMIC QUALIFICATIONS

Bachelor's Program | 2013 to 2017
Bachelor of Engineering in Computer systems B.E.(CSE) Hamdard University, Karachi, Pakistan.
Modules included: Software Engineering, Programming, Databases, Digital Electronics, Embedded Systems.

TECHNICAL PROFICIENCIES

- **Application Development**
  Experience of application development with ASP.NET 4.0/4.0+, .Net core 2.2/3.1 Web API, ASP.NET MVC 5.0/5.2, REST APIs, GraphQL, Class libraries, Web applications.
  Programming Languages : C#, C++, VB.NET.
  Having familiarity with Java, Ruby.

- **Databases and ORMs**
  Strong exposure of SQL server 2008+/2017 (Writing complex select queries, CTE, Stored procedures, Triggers, Dynamic SQL, Views, XML, Joins, Cursors, Indexes, Query optimization, DDL, DML).
  PostgreSQL.
  NoSQL Database : MongoDB.
  Time series Database : InfluxDB.
  ADO.NET, Entity framework, LINQ.

- **Third Party Plugins / Applications**
  Have setup an instance of Grafana with Loki for storing logs from applications for tracing back the issues, have implemented Customer IO in one of applications for sending emails / push notifications, Zinc IO for automatic order placing to amazon / alibaba.

- **Reporting Services**
  Strong exposure of creating and modifying reports on SQL Server Reporting Services (SSRS).

- **Scripting / Front-end development**
  Angular8 framework, Typescript, NodeJS, ExpressJS, ReactJs, Redux, Redux saga, AJAX, Javascript, JS DOM.

- **Conceptual Knowledge**
  Strong concepts of Design patterns, OOP, SOLID principles, Micro-services Architecture, Common Language Runtime (CLR), N-tier Architecture, Relational database management systems (RDBMS), NoSQL (Schema-less) databases, Operating systems (Windows, Linux), Data Structures and strong business logic development abilities.

- **Version Controlling Systems**
  Team Foundation Server (TFS), Git, Atlassian Bitbucket, Atlassian Jira.

- **Testing Framework / UI**
  NUnit framework, XUnit framework, SoapUI, Postman.

ANALYTICAL SKILLS

- Good knowledge of payroll, legislation and carriers.
- Can understand payroll / taxes calculations well.
- Good software development lifecycle(SDLC) knowledge.
- Strong code debugging and code optimization abilities.

SOFT SKILLS

- Attentive listening and effective oral communication skills.
- Good at problem solving.
- Positive and can-do attitude.
- Deadline led performance.