Syed Hasnain Bukhari
Full Stack Software Developer

Full Stack Developer with 5+ years of rich professional experience of building and delivering highly scalable, enterprise grade software products. I hold a Bachelor's degree in Computer Sciences from the Punjab University College of Information Technology, Lahore, Pakistan

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Work

Full Stack Software Engineer

Agoda · Tagline: Less Hassle, More Travel.
Dec 2021 – Present
Bangkok, Thailand

Leading several teams, working on solutions based upon distributed computing to make the e-commerce scene under the global travel space alive

- Working with teams to migrate long-running legacy systems to a newer and a better stack
- Keeping track of the learning abilities of my team so that they can progress in their respective careers and interests
- Having 1:1s to shape up the team culture and align them with essential matters at the organization
- Build a mindset and culture of quality first; Owning our stuff and converting them to quality artefacts and systems
- Help the organization envision what moving away from legacy could mean and preach the benefits within the team(s)
- Help the team understand Agility at work and take them through ceremonies; This helps the team give their best following sprints
- Making an effort around organizational values, so it lives within the team and work we do.

Senior Software Engineer

Design and developed multiple major modules and provide technical support to web application as well mobile application. My responsibilities include:

- Building micro services oriented systems that enable integration with various external systems.

- Working in an agile, scrum environment using .NET stack to design and build highly optimized solutions to be deployed at a global scale.

- Optimizing and refactoring existing modules to accommodate new functionality and enhance performance and maintainability.

- Design and develop timesheets management module based on types of systems. User can track workings hours and working experience with different clients. User can upload paper timesheets as well.

- Implementation of Elastic search to enhance the performance and visualize the data.

- Provide technical to mobile application

- Provide technical support and consultancy to other projects as well

Software Engineer

CMDLHR · CureMD's cloud based EHR, Telemedicine & Medical Billing Services Fully Equip Your Practice & Let You Provide Optimal Patient Care
Sep 2017 – Nov 2019
Lahore, Pakistan

Developed multiple major projects, as a full stack .NET developer as well as a software architect. My responsibilities include:

- Building highly scalable and robust, service-oriented systems that enable integration of our flagship product with various external information exchange partners.

- Working in an agile, scrum environment using .NET stack to design and build highly optimized solutions to be deployed at a global scale.

- Providing technical and client support to various deployed products. Co-ordinate and plan inter and intra team activities.

- Restructure and refactor modules of existing products to accommodate new functionality and enhance performance and maintainability.

Software Engineer

Logix Infinity · Solving the problem of connecting the right candidate to the needful hirers
Jun 2016 – Sep 2017
Lahore, Pakistan

Worked as a software developer, specializing in web and desktop application development, mainly using the .NET stack along with other web technologies

development, mainly using the .NET stack along with other web technologies (Angular, Ionic and JavaScript). It gave me a chance to work on an array of diverse projects, offering me a great learning experience and exposure. I've developed web-based software using ASP.NET (MVC, WEB API, .NetCore), Angular/Ionic and SQLServer.

Education

FAST - NUCES

Computer Science
Jun 2006 – Jul 2010

Bachelor

Courses

- Digital Logic Design
- Assembly Language
- Data Structures
- Design Patterns
- Web Programming
- Compiler Construction
- Concurrent and Distributed Systems
- High Performance Computing
- Database Design

Projects

HiringSquadCreation

Product owner, Programmer, Orchestrator, Team lead, and Role model at **Gaditek**
Jun 2021 – Nov 2021

A process consisting of humans to derive hiring spirit

- Involves feedback for the candidate, hr and the team all at the same time
- Distributed in nature, different domain people could be indulged at different time to get a streamlined feedback
- Created a dashboard, that helps with feedback collection and process guidlines
- Uses bleeding edge tools like Docsify, NodeJS and FormsIO
- Introduced a model to auto test candidates without human interventions (Codility)
- Enabled team to discuss and create problems near to them to check the ability of candidates to grasp it (Github)
- Helped in creation of relevant job-descriptions; Which talks about the role and kind of individuals we as a team would like to work with

Websequencediagrams:Docsify

Product owner, Programmer, Orchestrator, and Need generator at **Self**
Sep 2020 – Dec 2021

A plugin to pull in websequencediagrams under docsify web; It is free to use and try, even works async

- Created a plugin that is relevant for all docsify web
- Has a way to load the diagrams async, with a cool loading animation
- Now you don't need to store your images into the repo, rather just text, that could be version controlled
- Uses bleeding edge tools like Docsify, NodeJS
- Has a CI/CD with which any one can use the artefact straight from Github

Modernizing Siva

Team lead, Programmer, Orchestrator, Need generator, and Product owner at **JobStreet**
Sep 2020 – Dec 2021

A monolith legacy system, that is a bread and butter for JobStreet hirers. We were modernizing it to have a custom pipeline and segregated modules so that buildability and modifiability is there.

- Broke the single monolith into 35 submodules, that together forms this powerhouse
- Decoded and scriptified the build process which was just available over a click only in VS 2015
- Introduced buildability for various projects, so that engineers are welcomed to express changes

- Enabled engineers to make changes into various sub-modules creating lead by example kind of framework
- Created CI/CD based on buildkite using Mono framework to support .NET 2.0
- Uses semantic versioning to deliver artefacts

Identity provider SDKs

Team lead, Programmer, Orchestrator, Need generator, Product owner, Architect, and Developer at **Seek**
Aug 2019 – Jun 2020

Helped with creating SDKs within the organization so that developers are enabled to use the best in class identity services

- Consumed 100+ pages docs and created 8 different SDKs in 8 different languages
- Created world class documentation to use the SDK, instead of reading 100+ pages, usually just 10 lines of code
- Introduced semantic versioning within the SDKs so that change could be well contained and not disastourous
- Lead by example on raising PRs under various systems, so that developers are motivated to do so
- SDKs varied from being old-school (.NET 2.0) to bleeding edge (ReactNative, NodeJS); Same functionality throughout

Awards

IASA IT Architecture Core (ITAC) – CITAF Certification

Awarded by **Iasa Global**

May 2015

Anchors to the beginning of Architect position and responsibilities

Won the GIKI SOFTCOM 08 (Programming Competition)

Awarded by **GIKI University Pakistan**

Apr 2008

A speed programming competition of national level

Skills

Web Engineering

Software Architecture

Development and Troubleshooting

Project Management & Coordination

Software Architecture

Design-patterns

Distributed systems   Scalability

Maintainability

Software Development

Sustainability   Portability

Scalability   Reasonability

Programming Languages

C#   C++

Web Programming

ASP.NET

(Web Form, MVC, .Net Core, Nhibernate, Entity Framework, ADO.NET, Web API, WCF and WPF),

Micro services   Elastic Search

Javascript/JQuery,   HTML/CSS

Reports

Crystal Reports   JSReports

Reports

MS SQL   PostgreSQL   SQLLite

MongoDB

Languages

Urdu

Native speaker

English

Fluent

English

Fluent

Punjabi

Fluent

Interests

Home improvements & engineering

Plumbing   Electric-appliances

Civil engineering

Software based home solutions

IoT   Home-server   plex

raspberry-pi   cups   saned

Watching documentaries

Idiocracy   Lord-of-the-rings

movies   documentaries

References

Amir is surely missed by his team/peers and I think any company would find great benefit with the addition of Amir to their leadership and technical team. Wish you all the best Amir and hope our paths cross again.

— Heinrich Rust

As a colleague Amir is friendly, personable, has an easy manner and great sense of humour. A clear communicator with a voice for radio, Amir is wise head on young shoulders.

— Paul Fitzgerald