Syed Hasnain Bukhari

Full Stack Software Developer

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About

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

Experience

Agoda   **March 2022 - Present**

Full Stack Software Engineer

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.

Gaditek   **March 2021 - March 2022**

Software Engineering Manager

Provided leadership across the engineering organization for the aspects of hiring, processes, architecture, grooming individuals and solving complex problems

Introduced a hiring process and its custodianship (aka The Hiring Squad!)

Enabled the eco-system of documentation keeping and taking tools along with helping the team to use them day-in-day-out

Conducted 1:1s with team members to keep their inspirations and motivations up

Helped to bootstrap various products for a quick test with the upcoming consumer markets for the organization

Been a part of the team and the solution for complex problems like NotificationCenter, Auth provider selection and payment gateway solution

Created and vocalized a process of hiring interns and turning them into fellow beings

Led and represented the engineering department of the organization

Proactively participated in converting an old-school organization to an organization with agility

Helped and created career progression for various individuals in the organization

Proactively involved me with HR to discuss and demystify challenging problems

Introduced and have been the most potent catalyst in changing our product platform to be the cross-platform product

Enabled ways to bring in new dimensions to the product evolution, which were held back because of the absence of engineering leadership

Focus on quality deliverables -- Provided guidance to bring in an appropriate SDLC

I got involved and got my hands dirty with architecture decisions at various organizational levels

SEEK   February 2020 - March 2021

Software Engineering Manager

SEEK is a diverse group of companies that have a unified purpose to help people live more fulfilling and productive working lives and help organisations succeed.

Contributed to SEEKs overall product & technology strategy and aligned systems with that strategy

Ensured that systems were fit for purpose, well-architected and followed current SEEK development practices

Maintained platform health by ensuring that our systems are secure, reliable, resilient and cost-effective

Drove customer focus to ensure that we deliver excellent outcomes for our customers

Commenced and maintained a high performing team culture that values collaboration, learning and continual improvement

Acted as an enabler; Grew my team's technical skills and leadership capabilities through coaching and mentoring. This involves having 1:1s with my teammates

Lead by example, Which required me to get my hands dirty when needed

Unblocked the team with whatever it took, having complete ownership of maintaining healthy teams

Celebrated successes and learnt from the failures; propagated the culture through the teams and exemplified it for the rest of the organization

Paired with the Principal Engineer of the team to understand the climate and the team's problems

Participated in and retro-ed the core hiring process through a centralized hiring squad

Helped the org to move fast to the ecosystem of global products; Away from the local products which we have been dealing with for the past 25+ years

SEEK   May 2018 - January 2020

Lead Software Architect

SEEK is a diverse group of companies that have a unified purpose to help people live more fulfilling and productive working lives and help organisations succeed.

Been the catalyst for transforming the organization
Performed the duties as the JavaScript coach for the organization
Advocated for and implemented software best practices
Have been the communicator for various teams to maintain their health; sometimes preached the organization's values
Participated as a core in hiring new and experienced talents
Propagated automation as a culture rather than an option
Moved legacy code and data to cloud via lift & shift, greenfield and brownfield methodologies
Performed the duties of deciding and validating sensible defaults for the organization
Pushed cloud-first approach in the org, living in an environment of Infra ops
With the help of fellow architects, I invested time in a flourishing framework of single identity throughout SEEK systems; We did this through educating, enabling, and supporting the needful tools for the teams
Created several SDKs for a single identity solution within Seek with complete automation and tests. Later helped teams adopt them into various systems

Exact   October 2016 - January 2018

Senior Software Engineer (Full-Stack)

We are Exact. We make smart business software. We are entrepreneurial and dream big, just like you. We help and encourage anyone we work with to always be the best version of themselves.

Helped to come up with an end-to-end pipeline to build and release the product
Performed various tasks, including coding, building, testing, releasing and debugging the product
Made massive use of automation, including development and release cycles
Helped to produce tools that are helpful during the lifecycle of the product. Usually as a need to support the development
Helped POC the product initially with our customers to set up our product owner for the product's success
Created a framework single-handedly to help my fellow teammates with the needs of React Navigation and enable them to flourish their work distributedly and without flaws
Created and open-sourced a library that behaves as a HOC for navigation matters around React space
Created an in-house tool (based on ElectronJS) for various development teams that helps with the consumption of APIs without open API specs (legacy systems)

Hexosys   November 2015 - October 2016

Senior Software Engineer

Accomplishing more than 150 main products as cutting-edge technology protocol/bus analyzers, reveals great ability of HexoSys to delivering new projects within the field of expertise with complete maturity and high competitive to the global high-tech market.

Helped in a complete overhaul and rewriting of parts of the Albaloo product

Added the ability to target users through multi communication channels (SMS, emails, mobile notifications etc.)

Helped product with identifying with and implementing the ability of geo fencing the ads in the current platform

Introduced a custom framework on top of Laravel's current implementation to support custom JavaScript loading in the layout

Initialized and laid the basis for automation in the project, simplifying and making some tedious tasks process-oriented

Helped teams with mocks to let them produce their artefacts accordingly. Later replaced with the accurate data bounded by the contracts

Helped in versioning the APIs so that various teams in the organization consume their needed bits and are working harmoniously

Experian   July 2014 - October 2015

Senior Software Developer

Accomplishing more than 150 main products as cutting-edge technology protocol/bus analyzers, reveals great ability of HexoSys to delivering new projects within the field of expertise with complete maturity and high competitive to the global high-tech market.

Assisted developers with a better approach to the problem at hand. I have to talk with my Team lead and the Architect to finalise a software architecture decision

Primarily worked on the architectural aspects of the code, but I sometimes had the requirement to fix bugs and further minor changes

Got myself certified with CITA-F to get relevant in the architecture escape and software practices

Helped with adopting EHAB in various parts of our legacy application

Debugged and fixed various system parts containing loads of stored procedures and complex SQL queries

Pi-Labs   June 2010 - February 2014
Chief Technology Officer

Our passion for mobile software and our ability to deliver engaging solutions has given us much acclaim. Early adoption of Windows Phone 7 meant we were one of the first companies globally to have produced an app for the Microsoft Marketplace. Yet, our expertise encompasses the breadth of the smartphone ecosystems, including iOS, Android and Palm's WebOS.

This was my earliest position as a technical leader, and I was going through significant learning

Helped organization with various services-based projects; Dealt with multiple platforms and technologies

Created, architected and maintained a homegrown idea that later shifted to become Garfield's official game, Feed Garfield. The internal project name was Candy Pot. It was a team effort

Created, architected and maintained an idea in collaboration with our partner. It was a video and audio processing app; These were early days when Snapchat didn't exist; The project was named Gulf Talk

Worked on an aggregator banking solution known as Mobank for UK based banks. Clients were able to control their various accounts through this app

Pioneered the space of Windows 8 initial launching apps for Microsoft Singapore; some were CNA, DBS Bank Singapore, and The Straits Times Singapore

Worked on various 2d and 3d games

Used and improved the Cocos2dx platform to flourish 2d games on cross-platform technologies

Written several frameworks myself and open-sourced them later to help the community; To mention some: EasyNDK-for-cocos2dx, Easy-CURL-for-PHP

Gelled along with various individual contributors to help the organization meet its financial goal

Presented learnings and findings at various university events and global technology events

Education

FAST - NUCES
2006 - 2010

Bachelor
Computer Science

Digital Logic Design   Assembly Language   Data Structures   Design Patterns

Web Programming   Compiler Construction   Concurrent and Distributed Systems

High Performance Computing   Database Design

Awards

1 May 2015

IASA IT Architecture Core (ITAC) – CITAF Certification
Iasa Global

Anchors to the beginning of Architect position and responsibilities

1 April 2008
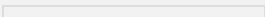
Won the GIKI SOFTCOM 08 (Programming Competition)
GIKI University Pakistan

A speed programming competition of national level

Skills

Web Development
Expert

HTML   Javascript
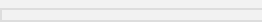
Software Architecture
Advanced

Design-patterns   Distributed systems   Scalability   Maintainability
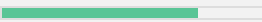
Software Development

Software Development
Proficient

Sustainability   Portability   Scalability   Reasonability

Problem Solving
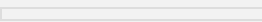*Advanced*
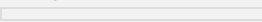
CompetitiveProgramming   Abstract

Draft documentation
Proficient

docsify   Github   MARP   Joplin   MermaidJS   FormsIO

Communication
Competent

face-2-face   emails   presentations   conference   buy-in talks   negotiations
layman conversions   1:1s

Languages

Urdu
Native speaker

English
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