

# Syed Hasnain Bukhari

Full Stack Software Developer

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🗣️ Urdu, English



## BACKGROUND

### 📄 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

### 📄 WORK EXPERIENCE

#### 📌 Full Stack Software Engineer, [Agoda](#)

Dec, 2021 - Present

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, [SSILHR](#)

Nov, 2019 - Dec, 2021 □ 2 years 1 month

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

### Software Engineer, [CMDLHR](#)

Sep, 2017 - Nov, 2019 □ 2 years 2 months

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 SEEK's 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

## Software Engineer, LILHR

Jun, 2016 - Sep, 2017 ◻ 1 year 3 months

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



## PROJECTS EXPERIENCE

### HiringSquadCreation, Gaditek

Jun, 2021 - Nov, 2021 ◻ 5 months

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 guidelines
- 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, Self

Sep, 2020 - Dec, 2021 ◻ 1 year 2 months

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, JobStreet



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 scripted 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, Seek

Aug, 2019 - Jun, 2020 10 months

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 disastrous
- 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

## SKILLS

### Web Development

HTML Javascript

### Software Architecture

Design-patterns Distributed systems Scalability Maintainability

### Software Development

Sustainability Portability Scalability Reasonability

### Problem Solving

CompetitiveProgramming Abstract

### Draft documentation

docsify Github MARP Joplin MermaidJS FormsIO

### Communication

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

## EDUCATION

## Computer Science, Bachelor, FAST - NUCES

Jun, 2006 - Jul, 2010

Digital Logic Design

Assembly Language

Data Structures

Design Patterns

Web Programming

Compiler Construction

Concurrent and Distributed Systems

High Performance Computing

Database Design

## AWARDS

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

Awarded on: May 01, 2015

Anchors to the beginning of Architect position and responsibilities

### Won the GIKI SOFTCOM 08 (Programming Competition) , GIKI University Pakistan

Awarded on: Apr 01, 2008

A speed programming competition of national level

## 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

### Heinrich Rust

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.

### Paul Fitzgerald

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.