

# S M BILAL BIN ARSHAD

## SENIOR SOFTWARE ENGINEER

### CONTACT



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Jeddah, Saudi Arabia  
Karachi, Pakistan



MBA-997

### EDUCATION

#### FAST-NUCES BS - Computer Science

Aug, 2019 to June, 2023

### SKILLS

Flutter

Firebase

BLoC

GetX

ReactJS

NodeJS

Java

JavaFX

SQL

SpringBoot

TypeScript

MongoDB

ExpressJS

Material UI

Bootstrap

JS6

HTML

CSS

Linux

Git

Python3

Pandas

NumPy

Matplotlib

Scikit

Tableau

C/C++

Leadership

Management

### EXTRA CURRICULAR ACTIVITIES (20+)

CS Competitions Lead - Procom

Data Science Head - DevDay 2023,

Lead - Founder Data Science Society

Google Data Science Lead - Google DSC

Deputy Director - DevDay 22,

Senior Coordinator - Procom 2022

Data Head - ACM AI 2021

Organizer of ACM – Speed Programming

Organizer NU-FEST - Guest Relations '20

Farewell host 2017,

School representative - British Council

Award 2016

### PROFILE

As a dynamic programmer, I excel at leading projects, showcasing my skills, and embracing challenges with creative problem-solving. My passion lies in developing AI and software, driving me towards my goal of becoming a Software Architect.

### WORK EXPERIENCE

#### Senior Full Stack Developer - LaunchBox Pakistan

11/2023 to Present

Working as acting lead for a team of 16+ exceptional people whilst managing 19+ projects

- Built systems to automate tasks and assigned roles within team for structured independence
- Built code architectures for smooth development
- Built Cloud architectures and deployed applications on AWS
- Building automated Backends using NodeJS, ExpressJS, and NextJS
- Building Frontends using Flutter, Dart, GetX, and third-party integrations
- Synchronizing data using MongoDB, SQL, Firebase, etc.

**Tech Stack:** AWS, ExpressJS, Flutter, Dart, Firebase, BLoC, REST APIs, SQLite, MongoDB, NodeJS

#### Full Stack Developer (Mobile App) - LaunchBox Pakistan

08/2023 to 11/2023

**Tech Stack:** Flutter, Dart, Firebase, BLoC, REST APIs, SQLite, MongoDB

#### App Software Engineer Trainee | Salesflo

02/2023 to 06/2023

- Held meetings with clients like Nestle, Unilever, Tapal, etc

**Apps:**

- TagIt** - Allows tracking of sales and demand using GeoTagging
- Ascend** - Order Booking app for distributors
- Ascend Retailer** - Order Booking app for retailers/vendors

**Tech Stack:** Flutter, Dart, AWS, BLoC, REST APIs, SQLite

#### Flutter Developer | Sui Southern Gas Company Pakistan (Part Time)

02/2023 to 06/2023

- Automated the gas meter reading process with a deep learning app for SSGC.
- SSGC can add/delete employees, and assign/de-assign working files to employees.

**Tech Stack:** Flutter, Firebase, AWS, TensorFlow, OpenCV, Flask, Python, Dart, REST Apis

#### Software Engineer - Intern | CompassDX

06/2022 to 01/2023

- Worked directly with the Head of Engineering

**Web-apps:**

- Elaaj** - healthcare app
- PakQatar** - Asset Management between Pakistan and Qatar
- Opmat** - Online Feedback system for merchants/vendors

**Tech Stack:** ReactJS, Material UI, REST APIs, HTML, CSS, TypeScript

#### AI Developer - Intern | Folio3 Software

06/2022 to 08/2022

**AutoFiller - WebApp** - Extracts info from PDFs and image PDFs using AI

**Tech Stack:** Python, Flask, NLTK, OpenCV, ReactJs, Material UI, FAST API, Tensor, NumPy, Pandas

#### National University of Computer and Emerging Sciences

09/2021 to 05/2023

- Competitions Lead - one year
- Teacher Assistant OS - one year

