BILAL ASIF MIRZA

Technology Enthusiast

B-8 BLOCK A, North Nazimabad
Karachi, 74700

+93 - 332 - 2262346
bilal.asif.97@gmail.com
https://github.com/BilalAM

Microsoft
Specialist
Programming in C#

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Skills

Languages/Frameworks
Java, Spring Boot , JavaFX, JPA , Maven , Hibernate ,Socket API, Apache tomcat

Operating Systems
Ubuntu, Linux, Windows 10

Database Systems
MySQL , MongoDB

IDE
Eclipse , IntelliJ

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Experience

Creative Chaos / Internee
June 2017 – August 2017, Karachi PK

- Was responsible for creating and writing the SRS document for a web application.
- Designed and created the prototypes and wireframes for the UI .
- Designed and created the User Interfaces

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Projects

Open Source Routing Protocol
 Java , JavaFX , Socket API , Sigar API , SDN

Research Oriented project aimed towards a new routing protocol.
Protocol was based on Software Defined Networks.
Built a simulator to test the protocols.
Completely made in Java using Socket API with JavaFX as frontend gui.

ShoppingMania WebApp

Java , Struts2 , MongoDb , JSP

A semester end project of a Shopping Cart Web Application

Generic-Mongo
Java , Hibernate , JPA , MongoDb API

A Generic DAO library for MongoDb Java API
Followed DAO Pattern for the data access classes
Had CRUD operations
Used Google GSON and Java JSON for serializing and
deserializing Model Classes
Github Link : https://github.com/BilalAM/GenericMongo

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Education

Bahria University Karachi Campus / Bachelors In
Software Engineering
2014 - 2018, Karachi PK

- Data Mining And Algorithms
- Object Oriented Programming
- Software Engineering
- Software Design And Architecture
- Requirements Engineering
- Software Construction
- Database Management Systems

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