# Bilawal Abbasi

Senior Software Engineer

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**Profiles**  in Bilawal Abbasi  🔵 Bilawal Abbasi  𝕏 BilawalKhanAbb1

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**Summary**

I'm Bilawal Abbasi, a Software Engineer from Pakistan with a strong focus on Java and Spring Boot. I hold a degree in Computer Systems Engineering and have experience in building web and enterprise applications. I'm skilled in PL/SQL, Apache tools, Adempiere ERP, and web technologies like PHP, Laravel, and Drupal. I'm also a Certified Microsoft Professional with a diploma in Artificial Intelligence. My objective is to use my expertise to develop fast, reliable systems that support organizational growth.

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**Experience**

**Techlogix**                                                                    07/2024-Present
Senior Software Engineer                                               Karachi, Sindh Pakistan
🔗 https://www.techlogix.com/

Promoted to Senior Software Engineer, leveraging enhanced technical skills and project management abilities to deliver high-quality solutions. Successfully managed complex projects, including the development of an Access Management System and integration with Apache Kafka. Contributed to the creation of robust audit reports for a fintech product. Demonstrated strong problem-solving skills and a commitment to delivering exceptional results.

**Techlogix**                                                                    01/2022-06/2024
Software Engineer                                                                    Karachi, PK
🔗 https://www.techlogix.com/

During my two years as Software Engineer at Techlogix, I've honed my skills as a Java Developer, working extensively with Spring Boot, Apache PDFBox, and Apache POI. I've created complex reports using Jasper and developed robust SQL queries with Oracle, SQL Server, and MySQL. As a Developer, I've also delivered dynamic web applications utilizing PHP frameworks like CodeIgniter and Laravel, and enriched user interfaces with jQuery. My experience encompasses end-to-end development, from database management to front-end execution

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**Awards**

**Achievers of the Month**                                                              March 2023
Techlogix Pvt Ltd

**Achievers of the Month**                                                          September 2023
Techlogix

**Achievers of the Month**                                                           November 2024
Techlogix

| Education | **Mehran University of Engineering & technology jamshoro** | | **10/2017-10/2021** |
|---|---|---|---|
| | Computer System Engineering | | Bachelor of Engineering |
| | 3.81 | | |
| | 🔗 https://www.muet.edu.pk/ | | |
| | | | |
| | **Presidential Initiative for Artificial Intelligence & Computing** | | **05/2019-10/2021** |
| | Artificial Intelligence and Computing | | Diploma in Engineering |
| | A | | |
| | 🔗 https://www.piaic.org/ | | |

| Certifications | **MuleSoft Certified Developer - Level 1** | **02/2023** |
|---|---|---|
| | MuleSoft | |
| | 🔗 https://www.mulesoft.com/ | |
| | | |
| | **MTA: Introduction to Programming Using Python** | **12/2020** |
| | Microsoft | |
| | 🔗 https://www.microsoft.com/en-pk | |
| | | |
| | **MTA: Database Fundamentals (98-364)** | **01/2021** |
| | Microsoft | |
| | | |
| | **MTA: Networking Fundamentals** | **12/2020** |
| | Microsoft | |
| | 🔗 https://www.microsoft.com/en-pk | |

| Skills | | | |
|---|---|---|---|
| **Java** | **SpringBoot** | **Maven** | **Apache POI** |
| ● ● ● ● ● | ● ● ● ● ○ | ● ● ● ● ○ | ● ● ● ○ ○ |
| **Apache PdfBox** | **Apache Kafka** | **Adempiere ERP** | **Jasper Reports** |
| ● ● ● ○ ○ | ● ● ● ○ ○ | ● ● ● ○ ○ | ● ● ● ○ ○ |
| **Oracle** | **SQL Server** | **PL/SQL** | **Python Programming** |
| ● ● ● ● ● | ● ● ● ● ○ | ● ● ● ● ○ | ● ● ● ○ ○ |
| **Php** | **CodeIgniter** | **Laravel** | **JQuery** |
| ● ● ● ● ● | ● ● ● ○ ○ | ● ● ● ○ ○ | ● ● ● ○ ○ |
| **DataTables** | | | |
| ● ● ● ● ○ | | | |

| Projects | **Railway Track Fault Detection Using Image Processing** | **11/2020-11/2021** |
|---|---|---|
| | Final Year Project | |

Our solution enables identification of railway track faults using a Deep Learning Algorithm. This approach enhances track maintenance and helps to ease the technicians who monitor the track through heavy boogies. This detection technique uses an efficient algorithm of image processing for the model and prepares a model with defective and non-defective track images.

Comuputer Vision, Artificial Intelligence, Machine Learning, Deep Learning, OpenCv, Human Life

| Interests | Netflix | Badminton | History | Reading |
|---|---|---|---|---|

| Languages | **English** | | **Urdu** | |
|---|---|---|---|---|
| | Professional | | Native | |
| | ● ● ● ○ ○ | | ● ● ● ● ● | |