Muhammad Bilal Zumar

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ABOUT ME

I'm a software engineer with over 3 years of experience in developing robust applications using Java and REST APIs. My experience ranges from freelance work on platforms like Upwork and Fiverr, to full-time roles at companies like Bemobi and Toptal. Currently, I'm based in Vilnius, Lithuania but have worked remotely for clients and companies based in various locations, including the United States.

In addition to my professional experience, I also served as a Teaching Assistant at the National University of Computer and Emerging Sciences, where I had the opportunity to help guide and mentor future software engineers. My passion for technology and programming is reflected in my educational background, as I hold a Bachelor's degree in Computer Science from the National University of Computer and Emerging Sciences.

I thrive in collaborative environments and enjoy working with cross-functional teams to deliver high-quality software solutions. If you're looking for a dedicated and skilled software engineer to join your team or collaborate on a project, feel free to reach out!

WORK EXPERIENCE

01/04/2023 – CURRENT Vilnius, Lithuania
JAVA DEVELOPER GOD.DEV

In my role at GOD, I contribute as a Java Developer to two pivotal projects, where I spearhead the development of robust APIs using Java. My responsibilities extend to crafting unit tests to ensure the reliability and functionality of these APIs. Additionally, I actively collaborate with front-end developers, offering support and guidance in seamless integration processes.

As part of our deployment strategy, builds are seamlessly deployed on OKD (OpenShift Kubernetes Distribution), highlighting my proficiency in deploying and managing applications in containerized environments. This holistic experience reflects my adeptness in end-to-end API development and integration processes, making a valuable addition to my professional journey. Showcasing my proficiency in deploying and managing applications in containerized environments.

- Develop robust APIs using Java
- Implement comprehensive unit tests for API reliability
- Provide support to front-end developers for seamless integration
- Implement security measures like JWT and Keycloak
- Utilize industry-standard tools: JUnit 5, Postman, Git, GitLab Pipelines
- Deploy and manage applications on OKD (OpenShift Kubernetes Distribution)

01/11/2022 – CURRENT Remote, Lithuania
SOFTWARE DEVELOPER TOPTAL

In my capacity as a Software Developer at Toptal, I actively contribute to the development and enhancement of sophisticated software solutions. My primary focus involves crafting robust APIs in Java, ensuring their reliability through extensive unit testing. As a collaborative team member, I provide crucial support to front-end developers, facilitating the seamless integration of APIs. My expertise extends to implementing essential security measures, such as JWT, to fortify the projects against potential threats. Embracing best practices, I leverage tools like JUnit 5 for robust testing and version control. This experience not only showcases my technical proficiency but also underscores my ability to work effectively with remote clients in delivering secure and well-tested solutions in a dynamic professional environment.

19/05/2022 – 15/04/2023 Lahore, Pakistan
JAVA DEVELOPER BEMOBI

- Worked on integrations with mobile operators such as Telenor and DOB for a mobile store that provided subscription-based services to users.
- Developed custom APIs and conducted extensive testing to ensure seamless and reliable integrations with different operators and their systems.
- Collaborated with design and user experience teams to optimize the subscription flow and ensure a user-friendly interface.
- Worked closely with design and user experience teams, contributing to the optimization of the subscription flow.

During my time at Bemobi, I gained valuable experience working on complex integrations with external systems, developing custom APIs, and testing extensively to ensure reliable and seamless integrations. I also collaborated with cross-functional teams to optimize the user experience and deliver high-quality software solutions that meet the needs of our users.

20/07/2020 – 18/05/2022 Lahore, Pakistan
SOFTWARE ENGINEER UWORX/FLOOID

- Developed Java applications using Spring, JSF, and Tomcat for various requirements,
- Personalized Offers, KHOJI, Beanstore Flooid Retail Suite, and Backoffice.
- Worked on XML publishing for DD Server for database items and configurations.
- Practiced Test Driven Development (TDD) and collaborated with teams across the globe on sprints of up to two weeks.
- Used Jira, Confluence, Jenkins, and Teams for communication and task management.
- Focused on the development of the Point of Sale (POS) system, particularly on the Self-Checkout POS.
- Trained and managed new team members who joined the project.
- Implement comprehensive unit tests for API reliability

During my time at Uworx, I gained significant experience in Java development and contributed to several key projects. I worked on applications such as Personalized Offers, KHOJI, Beanstore Flooid Retail Suite, and Backoffice using Spring, JSF, and Tomcat. In addition to coding, I also focused on XML publishing for DD Server and practiced Test Driven Development (TDD) in my work. Working on sprints of up to two weeks, I collaborated with teams from around the world and used Jira, Confluence, Jenkins, and Teams for communication and task management.

My primary focus was on the development of the Point of Sale (POS) system, particularly on the Self-Checkout POS. This role allowed me to develop my development skills and learn how to effectively communicate complex technical concepts.

01/09/2019 – 15/06/2020 Lahore, Pakistan
UNIVERSITY TEACHING ASSISTANT FAST NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES

- Worked as a teaching assistant, supporting students in computer science courses.
- Assisted the professor in preparing course materials, including lectures, assignments, and exams.
- Provided guidance to students, answering questions and helping them with their assignments.
- Conducted grading of assignments and exams, providing feedback to students to help them improve their work.

During my time as a teaching assistant at National University of Computer and Emerging Sciences, I gained valuable experience in supporting students in their academic pursuits. I collaborated with the professor to prepare course materials and provide guidance to students, helping them understand course concepts and complete their assignments. I also gained experience in grading assignments and exams, providing constructive feedback to help students improve their work.

EDUCATION AND TRAINING

15/08/2016 – 15/08/2020 Lahore
BACHELOR'S Fast National University of computer and Emerging Sciences

Address 852-B Milaad St, Block B Faisal Town, Punjab , 54770, Lahore | **Website** http://nu.edu.pk/

LANGUAGE SKILLS

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Tools

Vs code │ Jetbrains Intellij Idea │ Mercurial │ BitBucket │ Docker products │ Hybernate │ SourceTree │ Jira, Confluence, Trello │ CI/CD using Jenkins │ JetBrains RubyMine │ Postman

Operating System

Linux os │ windows os

Languages

C/C++ │ Python, Java , Ruby/Ruby on Rails ,HTML. │ Java │ XML/JSON │ HTML, JavaScript and CSS │ Java Swing Java FX │ Node.Js

Technologies/Frameworks

Spring, Spring Boot │ Integration / Integration Testing │ Test Driven Development │ MVC Architecture (Struts Spring and iBatis Frameworks) │ Unit Tests │ Unit Testing: Junit │ Spring Maven │ Agile Development │ Git

Databases

IBM DB2 │ postgres │ SQL (MySQL)

ADDITIONAL INFORMATION

PROJECTS

01/02/2022 – 18/05/2022
Mobile Pos A point of sale application for mobile devices.
- Payment System Integration
- Micro-Services enhancements
- Development of Micro-front Ends

01/12/2021 – 31/01/2022
Personalized Offers A Ruby and Rails project powered with Dockized environment used to create and set up personalized offers for specific customers.
- started development which was halted for 2 years
- fixed defects
- integrated Instrumentation

01/09/2020 – 10/11/2021
Self Checkouts Java spring boot based retail solution, which has a large number of customers.
- developed new UI for self Checkout
- provided languages support
- developed item selection features
- integrated Loyalty system
- integrated Payment system
- integrated with existing retail POS to provide authorizations
- Unit/Integration tests coverage

01/03/2021 – 10/11/2021
OneStop and Whole Food Canada Customers for the retail solution
  • assisted in upgrading their solution
  • fixed project-based defects
  • assisted in data setup issues
  • assisted in configuration issues

01/09/2019 – 15/06/2020
Targeted Bill Board Advertisement System An Artificial Intelligence-based project, to attract visitors of the Shopping Mall by showing them the ads based on their age and gender. Real-time data of visitors is collected, facial data is used for calculation, and based on age and gender relevant ads are shown on Billboard. We achieved this by performing the following steps
  • Data Gathering
  • Data Pre-Processing
  • Models Training
  • Achieved 88% accuracy

MANAGEMENT AND LEADERSHIP SKILLS

Training of new Joiners
  • Successfully trained new team members and other cross-functional teams to set up, operate, and comprehend the system.
  • Developed and implemented training programs for new hires, which resulted in quicker onboarding and increased productivity.
  • Conducted regular training sessions to keep the team members updated with the latest developments in the system and technology.
  • Provided technical guidance and support to the team, enabling them to perform their tasks efficiently and effectively.
  • Monitored the progress of new joiners and identified areas where they required additional training or support to ensure their success.

Convocation Organization Successfully organized convocations at FAST university in 2018, 2019

VOLUNTEERING

15/06/2019 – 15/08/2019 Fast Nuces Lahore
Senior Front Desk Officer
  • Successfully led and managed the admissions process for Fast University, applying the knowledge gained from the previous year's volunteer work.
  • Demonstrated strong leadership skills by leading a team of volunteers and overseeing the entire admissions process.
  • Effectively communicated with prospective students and their families to provide information about the university, admissions requirements, and the application process.
  • Improved the admissions process by introducing new strategies and methods, resulting in a smoother and more efficient process for all stakeholders.
  • Collaborated with university officials and fellow volunteers to ensure a seamless admissions process from start to finish.

01/07/2018 – 15/08/2018 Fast Nuces Lahore
Front Desk Officer
  • Conducted admissions process for prospective students during summer months, in collaboration with current students and university staff
  • Coordinated with university officials and current students to ensure smooth and efficient processing of applications, transcripts, and other admission requirements
  • Communicated with prospective students and their families to provide information about admission criteria, academic programs, and student life at the university
  • Demonstrated excellent organizational and communication skills, as well as attention to detail, in managing a high volume of applications and inquiries
  • Contributed to the university's recruitment efforts by promoting its academic programs and extracurricular activities to prospective students and their families