

Shabbar Raza

Address: Cornelius-Fredericks-Str. 48E, 13351 Berlin, Germany

+49 (160) 186 1195 | mail@shabbarraza.me | [ShabbarRaza.me](https://shabbarraza.me) | [ShabbarRaza](https://www.shabbarraza.me)

Education

Jacobs University

Bremen, Germany

B.Sc. IN COMPUTER SCIENCE, CLASS OF 2017

08/2014 - 08/2017

NOTABLE COURSES: Algorithms and Data Structures • Formal Languages and Logic • Computability and Complexity • Machine Learning • Operating Systems • Electrical Engineering • Software Engineering • Databases and Web Applications • Statistical Concepts and Data Analysis • Numerical Methods • IT Management • Marketing • General Logistics • Financial Accounting

Keynesian Institute of Management and Sciences (KIMS)

Lahore, Pakistan

CAMBRIDGE INTERNATIONAL GENERAL CERTIFICATE OF EDUCATION A AND O LEVELS - STEM SUBJECTS

08/2008 - 08/2014

- A Level - 3 As (salutatorian)
- O Level - 10 A*/As, 1 B (valedictorian)

Practical Experience

Finvia - <https://finvia.fo>

Berlin, Germany

SENIOR PRODUCT MANAGER

11/2022 - Present

- Conducted product and user research to explore and determine effective solutions.
- Formulated and investigated questions to validate hypotheses regarding product strategy.
- Managed priorities and refined requirements coming from a multitude of stakeholders.
- Ensured quality and reliability of deliverables by implementing robust testing procedures.
- Facilitated development of a constructive team culture with spirit of high performance.

Elinvar - <https://elinvar.de>

Berlin, Germany

PRODUCT MANAGER - PLATFORM CONNECTIVITY

06/2021 - 10/2022

- Contributed in software architecture design for platform upgrades, while fulfilling scalability goals.
- Implemented measures for enhanced observability and monitoring of software modules serving 1M+ daily transactions.
- Enabled integrations with new custodian banks, financial institutes, and third-party service providers.
- Maintained documentation of software architecture, functions, and integrations.

Datango - <https://datango.com>

Berlin, Germany

PRODUCT MANAGER

01/2020 - 05/2021

- Managed the roadmap and backlog for an enterprise Learning Management System serving 80+ corporations.
- Performed as Product Owner in the spirit of Scrum framework.
- Defined comprehensive identity & access management and licensing solution accommodating diverse business scenarios.
- Contributed in solution design for adapting legacy modules to modern architecture.
- Delivered product trainings and assisted in managing key accounts.

HR Forecast - <https://hrforecast.com>

Bremen, Germany

PRODUCT MANAGER

06/2018 - 08/2019

SOFTWARE ENGINEER

01/2018 - 05/2018

- Led application development from ideation through to deployment for 15k+ end-users at a Fortune 100 company.
- Revamped software security and data protection framework for enterprise solutions based on AWS cloud platform.
- Implemented software modules, and REST APIs for data processing and retrieval using the Spring framework in JAVA.
- Worked on data acquisition, mining, and analysis projects.

DFKI - Robotics Innovation Center - <https://robotik.dfki-bremen.de>

Bremen, Germany

SOFTWARE DEVELOPMENT INTERN

06/2016 - 08/2016

- Worked on modelling and simulation of robot components using URDF and Solidworks.
- Worked on documentation of software which served as prototype implementation for a project on human-computer interaction.

Jacobs University - <https://www.jacobs-university.de>

Bremen, Germany

PRESIDENT - UNDERGRADUATE STUDENT GOVERNMENT (USG)

09/2016 - 09/2017

- Served as the head of Undergraduate Student Government which is the representative organization of all undergraduate students at Jacobs University.
- Introduced reforms in USG elections, finance management, disciplinary regulations, outreach methods, having impact on the USG, the student body, and the University at large.
- Cultivated the ability to acknowledge contrasting viewpoints and perspectives on a given issue.

Lahore University of Management and Sciences (LUMS) - <https://lumun.lums.edu.pk/>

Lahore, Pakistan

INSTRUCTOR AT LUMS MODEL UNITED NATION (LUMUN) - SOCIAL RESPONSIBILITY PROGRAM

06/2013 - 07/2013

- Designed curriculum and tutored a group of STEM students at a charity summer school.
- Planned and supervised educational activities, such as pattern recognition exercises, and number games.

Project Experience

Guided Research - Bachelor Thesis

Jacobs University, Bremen

"EXPLORING THE FEASIBILITY OF AUTOMATICALLY FINDING ALIGNMENTS ACROSS MATHEMATICAL LIBRARIES"

04/2017 - 08/2017

- Carried out research on construction of mathematical libraries represented in MMT and on the topic of *alignments*.
- Wrote an algorithm that outputs alignments among mathematical theorems.
- Wrote a word segmentation algorithm using dynamic programming approach, optimized for the specific flavour of input strings.

Maze Runner Robot

Jacobs University, Bremen

SOFTWARE THAT ENABLES A ROBOT WITH A LASER RANGE FINDER TO AUTONOMOUSLY FIND ITS WAY OUT OF A MAZE

03/2016 - 04/2016

- Wrote separate packages for parsing and analysis of scanned data from sensors, and for inference and execution of decisions.
- Learned and practiced software building, testing, documentation, and project management methodologies.

Naya Savera (NGO)

Lahore, Pakistan

PROJECT DIRECTOR

Sep 2013 - Dec 2015

- Planned and led the installment of water filtration plants in 2 different villages.
- Enhanced my organizational, public speaking, and communication skills while working on fundraising campaigns.
- Learned to maintain high team spirit in order to keep partners and volunteers committed to the projects.
- Facebook: <https://www.facebook.com/Nayasaverapk>

Skills and Achievements

AWARDS

2017 **Cultural Understanding and Diversity Award**, Jacobs University Bremen

Bremen, Germany

2013 **Best Intern Award**, LUMUN - Social Responsibility Program

Lahore, Pakistan

2012 **43rd Position Nationally**, Kangaroo International Mathematics Contest

Lahore, Pakistan

SOFTWARE ENGINEERING

Paradigms & Frameworks: REST, JDBC, SOAP, gRPC, Docker, Kubernetes, Kafka, Git, AWS, Azure, IaC, OAuth, ROS

Prgramming Languages: C, C++, Java, SML, Scala, JavaScript, C#, Python, R, Matlab, SQL, PHP, Prolog, Arduino, \LaTeX

TECH TOOLS Linux, Apache, Nginx, Wordpress, Figma, Kibana, Grafana, Datadog, Sentry, TestRail, MS Power BI, Access, Excel

NATURAL LANGUAGES

English native/bilingual

Punjabi working knowledge

German B2 level proficiency

Hindi professional proficiency

Urdu native/bilingual

INTERESTS AND HOBBIES Badminton, Running, Biking, Politics, Commerce, Music, Poetry, History

Shabbar Raza

Berlin, August 28, 2023.