

HAMMAD MALIK

Software Quality Engineer | Test Automation | Cloud & Big Data

Neu-Ulm, Bavaria, Germany | +49 170 2355282 | hammad2861@hotmail.com | [LinkedIn](#)

PROFESSIONAL PROFILE

Software quality and engineering professional with experience spanning test automation, manual testing, cloud platforms, big-data technologies and software development. Experienced in collaborating with agile teams, product owners and developers to design test scenarios, automate regression coverage, document defects and support reliable releases. Background includes Cypress, Polarion, Jira, Azure DevOps, C#/.NET, AWS, Azure, Jenkins and Apache Spark, supported by a Master's degree in Computer Science from the University of Bonn.

CORE COMPETENCIES

Quality Engineering	Test automation, manual testing, test scenario design, regression testing, defect analysis, bug reproduction
Tools & Delivery	Cypress, Polarion, Jira, Azure DevOps, Jenkins, WordPress
Development & Data	C#, .NET, Bash, PowerShell, Apache Spark, big-data platforms
Cloud & Infrastructure	Microsoft Azure, AWS, virtual machines, DNS, VPN, load balancing, firewalling, Windows/Linux

PROFESSIONAL EXPERIENCE

Software Quality Engineer | Uhlmann Pac-Systeme

Sep 2023 - Present

Laupheim, Baden-Wuerttemberg, Germany

- Plan and execute comprehensive manual and automated test scenarios for software products in close collaboration with development teams.
- Align test strategies, document software issues and support defect reproduction and resolution to improve product quality and delivery reliability.
- Transitioned from external consultant to an internal role following successful client delivery and sustained contribution to ongoing development projects.

Software Quality Assurance Consultant | Hays

Feb 2022 - Sep 2023

Laupheim, Baden-Wuerttemberg, Germany

- Provided on-site quality assurance support within agile development teams, designing and implementing comprehensive test scenarios and test cases.
- Automated and executed tests with Cypress and documented results in Polarion to strengthen traceability and product reliability.
- Worked with product owners and developers to align testing priorities, identify issues in Jira and support bug investigation and resolution.
- Used Azure DevOps to deploy software to virtual machines and supported integration into production-line environments.

Student Assistant - Software & Sensor Testing | trackle GmbH

Feb 2021 - Jan 2022

Bonn, North Rhine-Westphalia, Germany

- Tested and calibrated sensors to support accurate data collection for the mobile application.
- Validated Android and iOS applications, including sensor connectivity and end-to-end functionality.
- Created software documentation, supported troubleshooting and maintained the organisation's WordPress website.

Working Student - Software Development | OpenText

Oct 2018 - Oct 2020

Bonn, North Rhine-Westphalia, Germany

- Researched automation opportunities within e-discovery workflows and presented technical improvement ideas.
- Designed, developed and supported a C# Windows Forms case-management application that automated process tracking and improved transparency across active and completed projects.
- Performed version maintenance, testing and user support for the internal tool.

EARLIER EXPERIENCE

Senior Software Engineer | CloudPlex, Inc.

Jan 2017 - Jul 2018

Lahore, Pakistan

- Deployed and supported applications on Microsoft Azure and AWS, including after-hours deployment support and operational health checks.
- Created Bash and PowerShell automation scripts for virtual machines and helped migrate on-premise applications to repeatable cloud environments.
- Automated deployment procedures using Jenkins, Chef and the CloudPlex platform across mixed Windows and Linux environments.
- Configured and supported virtual machines, IP networking, VPNs, DNS, load balancing and firewalling; documented procedures and trained client DevOps teams.

Software Engineer | Platalytics, Inc.

May 2015 - Dec 2016

Lahore, Pakistan

- Delivered client projects from requirements review and implementation through coding, testing, deployment, documentation and maintenance.
- Contributed to a big-data analytics platform and improved existing modules through research and adoption of updated big-data technologies.
- Supported adjacent deployment, IoT and machine-learning initiatives and created scripts to simplify monitoring and service operations.

Teaching Assistant | Punjab University College of Information Technology

Feb 2014 - Jul 2015

Lahore, Pakistan

- Supported courses in Object-Oriented Programming, Data Structures and Algorithms, and Analysis of Algorithms.
- Mentored students during weekly laboratory sessions and provided academic and professional guidance.

EDUCATION

Master's in Computer and Information Sciences | University of Bonn, Germany

2018 - 2021

Bachelor's Degree in Computer Science | University of the Punjab, Lahore, Pakistan

2011 - 2015

FSc, Pre-Engineering | PAF College Sargodha, Pakistan

2006 - 2011

CERTIFICATIONS & RECOGNITION

IREB Certified Professional for Requirements Engineering - Foundation Level

Dean's Honor List | Sports awards | Participation certificates

LANGUAGES

Urdu: Native / bilingual

English: Full professional proficiency

German: Limited working proficiency