

AYAZ SHAHID

Senior Software Development Engineer in Test

CONTACT INFORMATION

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PROFESSIONAL SUMMARY

Results-driven Senior SDET with 10+ years of experience in software quality assurance, test automation, and team leadership. Proven track record in developing comprehensive test automation frameworks across web, mobile, and desktop applications. Expert in Java, Selenium, CI/CD implementation, and Agile methodologies. Strong background in leading SDET teams, defining test strategies, and delivering quality metrics to stakeholders.

CORE COMPETENCIES

- Test Automation Strategy & Implementation
- SDET Team Leadership & Mentoring
- Quality Metrics & KPI Tracking
- CI/CD Pipeline Development
- Agile/Scrum Methodologies
- Mobile Testing (iOS & Android)
- API & Microservices Testing
- DevOps & AWS Infrastructure
- Code Review & Best Practices
- Stakeholder Communication

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python

Test Automation Tools: Playwright, Selenium, Appium, WebdriverIO, XCUI Test, Espresso

Testing Frameworks: TestNG, JUnit, nUnit, Mocha, Jasmine

CI/CD Tools: Jenkins, CircleCI, Docker, AWS

API Testing: REST APIs, Microservices, Wiremock

Cloud Platforms: AWS (Lambda, EC2, S3, CloudFormation, Serverless)

Monitoring Tools: ELK Stack (Elasticsearch, Logstash, Kibana)

Project Management: JIRA, Quality Center, Xray, Kualitee, TFS

Version Control: Git, GitHub, Bitbucket

Methodologies: Agile, Scrum, LeSS (Large Scale Scrum)

PROFESSIONAL EXPERIENCE

Freelance Full Stack Developer

Self-Employed, Munich, Germany | August 2025 - Present

- Designed and developed full-stack web applications using Next.js, React, and Angular with modern serverless architecture
- Built The Strike System (<https://thestrikesystem.strikewedge.com>), a comprehensive PWA video library application with AWS serverless backend including Lambda functions, DynamoDB, API Gateway, and Cognito authentication
- Developed Hamiya Kutz (<https://www.hamiyakutz.com>), a family tree web application with interactive features and responsive design
- Implemented secure authentication systems using AWS Cognito with OTP verification and HTTP-only cookie-based sessions

Technologies: Next.js, React, Angular, TypeScript, AWS Lambda, DynamoDB, API Gateway, Cognito, S3, CloudFront, Node.js, Tailwind CSS

Senior SDET

Testifi GMBH, Munich, Germany | April 2023 - April 2025

- Lead and mentor SDET team, providing technical guidance and support for test automation initiatives
- Collaborate with stakeholders and product owners to define comprehensive test automation strategies aligned with business objectives
- Coordinate and actively participate in sprint planning, daily standups, and retrospective meetings
- Define, implement, and track quality metrics and KPIs to measure product quality and team performance
- Conduct code reviews for test automation scripts ensuring adherence to best practices and coding standards
- Develop comprehensive statistics, reports, and dashboards for leadership team using data visualization tools
- Drive continuous improvement initiatives in testing processes and automation frameworks

Technologies: Agile, Scrum, LeSS, Java, Test Automation, Quality Metrics, Team Leadership

Software Development Engineer in Test (SDET)

Testifi GMBH, Munich, Germany | January 2020 - April 2023

- Developed and maintained core features for Testifi's test automation product using Java
- Designed and implemented test automation frameworks for multiple platforms including web applications, mobile apps (iOS/Android), and desktop applications
- Created and maintained comprehensive dashboards using ELK Stack (Elasticsearch, Logstash, Kibana) for internal use and client deployments
- Managed AWS infrastructure for DevOps operations including CI/CD pipeline setup and maintenance
- Implemented continuous integration workflows using Jenkins and Docker containerization
- Performed API testing and integration testing for microservices architecture

Technologies: Java, Selenium, WebDriver, Git, Docker, AWS, API Testing, Jenkins, ELK Stack, CI/CD

Senior Test Automation Engineer

Emirates, Dubai, UAE | March 2019 - April 2020

- Collaborated within Scrum team to develop automated test scripts for Emirates iOS and Android hybrid mobile applications using WebdriverIO and Mocha framework
- Developed comprehensive automation test suite for Emirates native Android application using Appium, Java, and Wiremock for API mocking
- Implemented test automation for Emirates Payment Gateway microservices using WebdriverIO
- Participated in sprint planning, daily standups, and retrospective meetings
- Conducted code reviews and mentored junior team members on automation best practices

Technologies: Java, JavaScript, Mocha, Selenium, Appium, XCUI Test, Swift, Wiremock, Git, Docker, AWS, Microservices, API Testing

Senior QA / Test Automation Engineer

Kualitatem, Dubai, UAE | June 2017 - February 2019

- Provided QA consultancy services and on-site testing for multiple client projects
- Attended daily standup and Scrum meetings with client teams to align on project objectives
- Reviewed technical design documents and requirement specifications to ensure testability
- Created comprehensive test plans and designed effective test cases for various testing cycles
- Logged, tracked, and managed defects using JIRA and created detailed retrospective reports
- Reviewed automation testing requirements and created project proposals for clients
- Designed and developed test automation frameworks from scratch for web and mobile applications
- Provided end-to-end automation solutions by implementing CI/CD pipelines using Jenkins
- Coordinated and assigned tasks within the automation team, providing technical guidance

Technologies: C#, Python, nUnit, Protractor, Jasmine, Jenkins, Selenium, TestNG, CI/CD

Software QA Engineer

CureMD, Pakistan | January 2014 - June 2017

- Reviewed technical design documents and requirement specifications for healthcare management software
- Created detailed test plans with accurate time estimations for project planning
- Formulated comprehensive testing strategies for practice management and medical billing features
- Wrote detailed test case scenarios covering functional, regression, and integration testing
- Executed test cases systematically, logged defects, and tracked resolution progress
- Performed regression testing to ensure stability of existing features with new releases
- Designed, developed, and executed automated test scripts using Selenium and Java
- Coordinated testing activities across multiple project teams
- Developed automation scripts to streamline regression testing scenarios

Technologies: ASP.NET, Selenium, JUnit, TestNG, Quality Center, TFS, Java

EDUCATION

Master of Science in Computer Engineering

Mid Sweden University, Sweden | 2010 - 2014

Bachelor of Science in Computer Engineering

COMSATS University, Pakistan | 2004 - 2008

CERTIFICATIONS

- Certified LeSS Practitioner (Large Scale Scrum)

LANGUAGES

- English: Fluent
- German: B1

PROFESSIONAL INTERESTS

- Continuous learning in software testing and automation technologies
- Exploring emerging technologies in DevOps and cloud computing