Faraz Gul

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ABOUT MYSELF

Results-driven Software & QA Engineer with 5+ years of experience, a Master's in Automotive Engineering from RWTH Aachen, and strong expertise in AWS/Azure, test automation, software development, database optimization, CI/CD pipelines, and machine learning workflows.

WORK EXPERIENCE

Canvas Reply - Beiersdorf - Germany, Braunschweig

DevOps Engineer – Azure/AWS Platforms

[01/10/2024 - Current]

Delivered high-quality .NET and API-driven enterprise solutions within Azure DevOps CI/CD pipelines, implementing continuous testing with Playwright and Cypress, API validation via Postman, performance testing using JMeter, GTmetrix, and Lighthouse, defect tracking in Jira/TestRail, system monitoring through Azure Application Insights, close Agile collaboration in Visual Studio, and test framework improvements aligned with cloud architecture, UX/UI, and AI/data-driven validation.

Reply-Autonomous AI - Germany, Munich

Cloud Consultant

[01/01/2025 - Current]

Developed and validated a custom EV Battery Management System across the full V-model lifecycle, performing unit, integration, system, and validation testing with Unity, automating tests via Git, GitHub Actions, and Jenkins, building CI/CD-integrated test pipelines that reduced manual testing by 12%, improving delivery speed; enhanced code quality through static analysis and cyclomatic complexity checks (~8% improvement), created scalable test environments using SonarQube, Docker, and Kubernetes, and collaborated closely with engineering teams on defect resolution, DevOps optimization, and cloud deployments on AWS and Azure.

Accenture - Germany, Wolfsburg

Automotive Test Engineer- SDET

[01/03/2021 - 31/12/2024]

Led infotainment testing initiatives by designing DevOps-driven, cloud-based test infrastructure to improve software reliability across multiple ECUs; executed system integration, functional, regression, and DevDrop testing, automated ECU flashing and validation via CI/CD pipelines, streamlined diagnostics using CANalyzer, ODIS, Docker, and Kubernetes, strengthened defect tracking and team collaboration with AWS/Azure DevOps, GitHub Actions, and Jenkins, and delivered data-driven test reports using Python and Power BI, resulting in faster test cycles and improved software stability.

EDUCATION & TRAINING

M.Sc. Mobility and Transportation Engineering

RWTH-Aachen University [2018 - 2021]

B.Sc. Mechanical Engineering

University of Engineering and Technology Peshawar, Pakistan [2013 - 2017]

Country: Pakistan

SKILLS

Automation Tools - Playwright | Testing with cypress | Microsoft Visual C++ | dSPACE HIL Systems | AUTOSAR ASPICE | API Manual Testing and Automation Testing with Postman and Newman | BMS (Battery Management Systems) | Polarian | AI/ML models deployment in embedded systems | Embedded Applications | Advanced ICT skills (Microsoft Word, Excel, PowerPoint) | Vector tools - CANoe CANalyzer | Vehicle diagnosis | Android, Automotive infotainment(HMI & platform) | Machine learning and deep learning | Artificial Intelligence and Automation in robotics | Quality Assurance/Quality Control | AWS - Lambda, ECS, EKS, S3, API Gateway, Serverless | Docker, git, Jenkins, Microsoft Azure, Kuernetes | Windows, Linux, AWS, Azure | Cloud platform experience (MS Azure, Google Cloud, AWS) | Microsoft Office, Microsoft Azure, Azure DevOps | Git/Github, Docker, Gitlab | QA Tools: Bamboo, Jenkins, Hudson, Selenium, Appium, SonarQube, JUnit, TestNG. | Team management tools (Asana, Trello) | API testing Postman | CI/CD (Gitlab CI, testing) | Atlassian tools (Jira, Confluence, Bitbucket) | TestRail | Tessy