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Profile

Lots of tests are not the same as quality. A hundred bad tests can pass while the bugs land in production. So the first thing I ask of every test is which risk it covers. At TIMOCOM I have built the test automation and its GitLab CI pipeline from zero since 2022. Products were added over time, and since 2026 I have owned quality for rating, fleet management and route planning.

Knowledge grows when you share it, in both directions. At TIMOCOM that exchange is part of everyday work: I support colleagues in test automation and learn at least as much from them. Good solutions belong to the whole team, not to one person.

Experience

10/2022 – present	Software Quality Assurance Engineer TIMOCOM • Since 2026, owning quality for rating, fleet management and route planning • Derive test strategies straight from requirements in the Scrum team; test management in Testmo • Built the test automation and GitLab CI pipeline from zero with Playwright and TypeScript, holding every test to one rule: it has to cover a real risk • API, contract, load and integration testing (including k6) and synthetic monitoring with Checkly, so bugs show up before customers report them • Supported the migration to Azure (Kubernetes, Argo CD, CloudNativePG) • Knowledge sharing in the team: supporting colleagues in test automation and learning from them
10/2021 – 09/2022	Software Test Engineer Brunel Validated control units for vehicle subsystems of German and international car manufacturers, from test specification through execution and evaluation to documentation, using tools such as CANalyzer.
09/2019 – 04/2020	Bachelor thesis student Bosch Engineering GmbH Automated tests and evaluation for the electrical robustness of power electronic components in electric vehicles with ECU-TEST and Python. Result: signal evaluation in minutes instead of hours by hand.
02/2019 – 08/2019	Student assistant FMDauto, Institut für Produktentwicklung und Innovation Built a GPS simulation for a field sprayer controller and analysed ISOBUS communication in the DODES project.

03/2017 – 08/2019

Student assistant

e-Traxx Düsseldorf (Formula Student)

Developed the vehicle controller for the Formula Student race car, based on TI C2000 and programmed in Matlab Simulink.

Skills

Test automation	Playwright, TypeScript, k6, Contract Testing, Insomnia, Postman
APIs & data	REST, GraphQL, SQL
CI/CD & cloud	GitLab CI, Azure, Kubernetes, kubectl, Argo CD, CloudNativePG, Docker
Monitoring	Grafana (Loki, Tempo), Checkly, Graylog
Methods & tools	Scrum, Jira, Testmo, ISTQB CTFL
Programming	TypeScript, Python, Java, C / C++
Systems & shells	Linux (Arch, Debian), macOS, Windows, Bash, fish, PowerShell
Embedded & automotive	ECU-TEST, CANoe, CANalyzer, CANape, CAPL, Matlab Simulink
Currently learning	Quality Gates, Mutation Testing, Monitoring
Languages	German (native), English (B2)

Education

2016 – 2020	Bachelor of Engineering Hochschule Düsseldorf, Electrical and Information Technology (automation) Bachelor thesis: test automation to validate the electrical robustness of power electronic components for electric vehicles. Grade: 1.1.
Certification	ISTQB Certified Tester Foundation Level International standard for the fundamentals of software testing.
2013 – 2016	Berufskolleg für Technik und Informatik Neuss