

QA ENGINEER / TEST AUTOMATION ENGINEER

SUPRABHAT SUPRABHAT

+49 15752425491

suprabhat.supra@gmail.com

Engsbachstrasse 56 ■ 57076 Siegen

PERSONAL DATA

Birthday 03.10.1997
Birthplace Patna, India
Nationality Indian
Work Permit Available
LinkedIn [in/suprabhat](#)

QA Automation Engineer with 3+ years of experience in E2E and API testing (Playwright, Cypress, Selenium) and CI/CD pipelines (GitHub Actions), driven by a quality-first mindset and curiosity for new age technologies. Skilled in Agile environments, test strategy design, and continuous learning, I bring adaptability and technical depth to fast paced, mission driven teams.



EDUCATION

10/ 2021-03/2025 | Masters in Sciences
University of Siegen, Siegen, Germany
• **Focus:** Computer Science (Embedded Systems)
2015 - 2019 | Bachelors of Technology
Cochin University of Science and Technology, Kochi, India
• **Focus:** Electronics and Communication Engineering

TECHNICAL SKILLS

- Automation & QA Tools:** Playwright, Cypress, Selenium, Pytest, GitHub Actions, GitLab CI, Jenkins (basic), TDD, Test Strategy)
- Programming & Scripting:** Python, TypeScript, JavaScript, Node.js, React (for frontend testing)
- Testing Expertise:** E2E Testing, API Testing (REST, GraphQL), Regression Testing, Integration Testing, Exploratory Testing, QA Automation Maintenance
- Cloud & Architecture:** AWS (Certified), Docker, Microservices QA
- Performance & Load Testing (Learning):** Familiarity with K6, JMeter (willing to learn as needed)
- End-to-End ML Pipeline Development (PyTorch, Tensorflow, Scikit-learn)

RELEVANT EXPERIENCE

Since 01/2025 | German Course (B1 in progress)

04/ 2022 –08/ 2022 | Exactag GmbH, Düsseldorf (Germany)
Working Student– Software Management

- Migrated existing E2E test suite from Cypress to Playwright, improving test reliability and reducing flakiness across frontend components.
- Developed and executed automated **integration and system tests** for analytics-driven microservices.
- Implemented test pipelines using **GitHub Actions to support CI/CD** across multi-service architecture.
- Collaborated with developers to write and debug **JavaScript-based frontend and API test cases**.
- Reviewed and refactored automated tests to ensure maintainability and reusability across releases.

07/ 2019 –09/ 2021 | IQVIA, Kochi (India)
Software Developer

- Built and maintained Selenium-style **automated regression suites** for Salesforce-based QA workflows.
- Automated **REST API testing** across critical endpoints, ensuring test coverage and stability.
- Integrated test execution into **GitHub Actions pipelines**, improving release cycle confidence by 35%.
- Led sprint planning and daily stand-ups in a regulated Agile QA team, focusing on traceability.
- Conducted system-level testing with an emphasis on validation in clinical trial environments.
- Designed test strategies supporting both manual exploratory testing and scripted automation.

11/2023 –09/2024 | FOXBYTE (CSI Verwaltungs GmbH), Neckarsulm(Germany)
Master Thesis Student (Machine Learning & Predictive Maintenance)

- Developed automated test scripts to validate time-series failure prediction using LSTM/ARIMA.
- Created and executed **integration tests** for sensor-based anomaly detection.

STRENGTHS

- Attention to Detail
- Proactivity & Ownership
- Problem-Solving
- Team Collaboration
- Communication
- Curiosity & Growth Mindset
- Adaptability & Learning Agility
- Strong Written and Verbal Communication

TOOLS & UTILITIES

- MS Excel (for exploratory analysis)
- VS Code
- Git/ Github, JIRA
- TestRail
- Agile/Scrum, HPALM
- SQL (PostgreSQL, NoSQL)
- Power BI (basic)

LANGUAGES

English	■ ■ ■ ■ ■
German (B1)	■ ■ ■ □ □
Hindi	■ ■ ■ ■ ■

REFERENCES

Prof. Dr. Michael Moeller

Computer Vision Group
University of Siegen

E: michael.moeller@uni-siegen.de

Dr.-Ing. Stefan Herrmann

Leiter/Head
Business Unit FOXBYTE- csi Verwaltungs GmbH

E: Stefan.Herrmann@csi-online.de

My Motto:

Learn fast. Solve real problems. Keep moving forward.

- Applied unit and functional test routines to evaluate ML model reliability in an industrial setup.
- Used **CI tools** to automate test cycles during ML pipeline experimentation.
- Documented test results and model performance evaluations for stakeholder reviews.

KEY PROJECTS

05/2024 –02/2025 | Chair of Economics, University of Siegen, Siegen (Germany)
Student Assistant – Full-Stack Web Development

- Built and tested modular UI components in React and TypeScript with a focus on **accessibility and maintainability**.
- Validated and consumed **GraphQL APIs**, ensuring contract compliance and integration integrity.
- Conducted **manual and automated pre-release testing**, improving delivery confidence.
- Focused on **test coverage, performance, and visual consistency** in frontend QA.
- Contributed to quality-first culture by applying best practices in test design and documentation.

02/ 2023 –07/ 2023 | University of Siegen, Siegen (Germany)

Machine Learning Project – FARMIT (Master Project)

- Developed **unit and API-level test cases** in Python to validate edge cases in real-time weather prediction APIs.
- Embedded **automated testing routines** into Django-based REST pipelines used in agricultural robotics.
- Integrated test-first development practices to ensure reliability in ML uses.
- Collaborated within a Scrum team to review and test YOLOv5-based computer vision modules.
- Executed structured QA reviews and sanity checks before frontend integration.
- Applied a QA mindset to identify failure points early in the ML-to-frontend handoff.

11/ 2023 –02/ 2024 | Ubiquitous Systems Group, Univ. of Siegen, Siegen (Germany)

Student Research Assistant – Machine Learning

- Processed and validated **sensor and wearable data** for human-computer interaction studies.
- Developed **Python scripts with unit-level test coverage** for behaviour model verification.
- Conducted QA cycles to ensure test reproducibility and accuracy of experiment data.

CURRENT LANDSCAPE

- **Learning German (B1, in progress at Goethe-Institute):** Building language proficiency to better integrate and communicate within an international environment.
- **Advancing Technical Skills in LLM, NLP and Prompt Engineering:** Making a project “Extracting entities from invoices using a fine-tuned BERT model” to learn new age skills.
- Learning Transformers (HuggingFace), Attention Mechanisms, Embedding Models and integration to the web application and apply QA testing.



Siegen, 18.08.2025

Note: I am eligible to work in Germany, willing to relocate and available to start immediately at your convenience.