SHRUSHTI SAKALA

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OBJECTIVE

Motivated and curious developer currently pursuing M.S. in Web Engineering in Germany, with a strong foundation in object-oriented programming (Java, JavaScript) and practical experience in testing, automation, and documentation. Eager to support software development teams through research, scripting, and test monitoring while expanding knowledge in agile practices and traffic technology solutions.

WORK EXPERIENCE

literate.de
Intern (Client - German Start-ups)   *March 2025 - Present*
- Supported developers in building and testing RESTful backend services with Node.js and TypeScript.
- Conducted research on software topics and contributed to organizing information for Proofs of Concept.
- Designed lightweight frontend interfaces in React/SCSS, ensuring smooth integration with backend APIs.
- Collaborated with QA teams to monitor tests and document results, improving release readiness.

Infosys
System Engineer (Client - UBS)   *Aug 2021 – Dec 2023*
- Gained hands-on experience in object-oriented programming (Java) by automating UI test scenarios with Selenium WebDriver.
- Monitored unit and integration test execution in Agile sprints, supporting defect analysis and reporting.
- Authored detailed test documentation (plans, cases, reports), ensuring traceability and compliance.
- Collaborated with developers, architects, and product owners to enhance software quality and reduce risks.

Tech Mahindra
Associate Software Engineer   *May 2021 – Aug 2021*
- Updated Java modules to resolve technical debt and improve system stability.
- Participated in Agile sprint planning and retrospectives, contributing to timely delivery of client-requested features.

PROJECTS

Chemnitz Culture — Full-Stack Web App
June 2025 - July 2025
- Built an interactive React + Leaflet frontend with real-time search, filters, and favorites.
- Developed backend APIs in Node.js/Express + MongoDB, integrated JWT authentication.
- Conducted manual UI testing & API validation to ensure reliability of location-based cultural data.

Smart-BPMN System
Sept 2024 - Feb 2025
- Implemented and tested key features of a live commenting module in a BPMN tool using Next.js, resulting in improved diagram collaboration and reducing feedback delays by 30%.
- Worked on frontend integration tasks, assisting in rendering dynamic components and routing using Next.js.
- Authored and maintained technical documentation, including API usage, component structure, and deployment instructions to support development continuity.
- Cooperated with teammates using Git and Docker-based environments to ensure seamless integration and local testing.

Weather Nova – Location based Weather Detecting iOS App
- Coded a weather-detection app in **Swift with Google Places API** and custom UI charts (MPChart).
- Tested iOS app behaviors with location changes and edge cases.

SKILLS

- Languages & OOP: Java, JavaScript, TypeScript, SQL
- Testing: Unit & Integration Testing, Selenium WebDriver, Postman, Jest (basic)
- Scripting & Tools: Node.js, Git, Docker, CI/CD (GitLab), Jira
- Agile & Documentation: Test planning, Requirement Analysis, Release Documentation, Research Support
- Frontend: HTML, CSS/SCSS, React (basic)

EDUCATION

Technical University of Chemnitz   *Oct 2023 – Present*
M.S. in Web Engineering

Punyashlok Ahilyadevi Holkar Solapur University   *Aug 2016 – March 2020*
B.E. in Computer Science and Technology

CERTIFICATIONS

- GitLab Certified Associate
- GitLab Certified CI/CD Specialist
- Infosys Certified Python Associate
- Infosys Certified Agile Methodologies
- Tricentis Automation Specialist 1 and 2

LANGUAGES

- English – Native
- German – Intermediate (B2)