Antonia **Frey**

SOFTWARE ENGINEER
Freiburg, Germany

☎ +4915146782868 | ✉ antonia.frey@outlook.com | ⌨ thebughuntress | in Antonia Alice Frey

"Talk is cheap. Show me the code."

Education

Karlsruhe Institute of Technology (KIT)   *Karlsruhe, Germany*
MASTER OF SCIENCE, ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGY   *2018 - 2020*
- Specialization: Systems Engineering

Skills

Programming	Python, TypeScript, JavaScript, Java
Frontend	React, Vue, Angular, Material UI, Tailwind CSS, Bootstrap
Backend	Python Django, NodeJS, SQL, MongoDB / Atlas
Cloud	EC2, S3, Cloud Functions, Firebase
Testing	Java/Selenium, Postman (API testing), Cypress with Cucumber, Jest
Agile	SCRUM, Jira, Confluence, Git, CI/CD Pipelines
Languages	German (C2), English (C1), Spanish (C1), French (B1)

Experience

Devoteam GmbH   *Frankfurt, Germany · Remote*
SOFTWARE ENGINEER · IT CONSULTANT   *Since February 2022*
- Development of web applications, leveraging cloud technologies, for data visualization with React, MaterialUI, with TypeScript or JavaScript, increasing user satisfaction through the implementation of new functionality.
- Transforming client requirements into technical solutions, collaborated in meetings to ensure alignment with stakeholder expectations
- Resolving bugs, validating urgent fixes, developing automated tests with Java/Selenium, Cypress, leading to a reduction in system downtime
- Implemented Git integration within GitLab CI/CD pipelines to optimize version control and automate deployment workflows.
- Contributed to an agile SCRUM environment using Git, Jira, and Confluence to manage tasks and document workflows.

ELCA Informatique SA   *Granada, Spain · Switzerland*
PYTHON PROGRAMMER · SYSTEM ANALYST   *Jan. 2021 - Jan. 2022*
- Automation of business-critical processes and implementation of new functionality in the company-wide production ERP system with Python.
- Creating and optimizing VBA scripts to generate business reports.
- Querying databases with SQL to ensure data accuracy and integrity.
- Conducted business analysis for new features, drafting user stories and acceptance criteria, and coordinating client meetings with stakeholders in Switzerland while collaborating within an international team comprising Spanish, German, and French-speaking colleagues.

Intel Labs   *Karlsruhe, Germany*
SOFTWARE ENGINEER (INTERNSHIP)   *Aug. 2019 - Jan. 2020*
- Automotive software development for an open-source simulator CARLA.org used for autonomous driving research.
- Developed traffic scenarios which describe traffic situations and vehicle behaviors like a lane change with Python.
- Debugging, testing, and implementing Parser features.

BMW M   *Munich, Germany*
SYSTEM ENGINEER (INTERNSHIP)   *Sep. 2018 - Feb. 2019*
- Developing a Windows desktop app with C# to automatically translate bus communication protocols from LIN to CAN and vice versa.
- Antenna measurements during test drives in disguised prototype cars.
- Coordination of the annual tire change for vehicle fleets, including vehicle bookings, mechanic scheduling, and measurement/technical documentation of wheelbase parameters.

Certificates

2025	**ISTQB Certified Tester Foundation Level (CTFL),**	atsqa.org
2024	**Professional Python Programmer Level 1 (PCPP1),**	pythoninstitute.org
2023	**AWS Certified Cloud Practitioner,**	Amazon
2023	**Google Cloud Engineer,**	Google
2022	**Professional Scrum Master I,**	Scrum.org