

LAURENT BRUSA

Software Developer | AI & Automation

@ laurentbrusa@me.com +49 152 2962 3248 Berlin, DE
laurentbrusa.hashnode.dev multitudes multitudes



laurentbrusa

WORK EXPERIENCE

iOS Developer

Room

2021–2022 Berlin

- Built immersive AR apps for exhibitions like:
gruenebandbreite.de
- Managed full development lifecycle for iOS projects
- Collaborated across teams and incorporated user feedback into product iterations

iOS Developer (Internship)

Studio Tim Deussen

2020 Berlin

- Developed AR applications using ARKit
- Collaborated with designers to create user-friendly interfaces
- Participated in code reviews and contributed to team knowledge sharing

Senior Travel Consultant

Apple, Carlson Wagonlit, AirFrance, All Nippon Airways

2001–2018 London and Berlin

- Provided excellent multilingual corporate customer support in high-pressure environments
- Developed strong user empathy, clear communication, and prioritization skills

PROJECTS AND APPS

Transcendence (Web Multiplayer game)

2025 42 Berlin

- Deployed full Docker Compose stack with monitoring via ELK and Grafana, backend in Django and frontend as a single-page application using pure vanilla JavaScript for frontend
- Designed microservices deployment and implemented GitHub Action pipelines for testing

HTTP Web Server

2024 42 Berlin

- Created Unix TCP sockets, multiplexing requests, parsing HTTP/1.1 requests and headers
- Handles multiple connections via multiplexing (poll/select), serves static files, processes various HTTP methods, and supports CGI scripts

mini-shell (custom shell)

2023–2025 42 Berlin

- Coded a fully functional shell inspired by Bash without using external libraries

LIFE PHILOSOPHY

“The flow of the river is ceaseless and its water is never the same.”
Hojoki

MOST PROUD OF



Community

Supported tech meetups and developer communities in Berlin



Persistence

Transitioned careers to become an iOS Developer, then challenged myself by attending 42 Berlin



Horizons

Happy to have traveled by bike in many remote and less remote parts of the world

SKILLS

CommunicationTeamwork

Problem-solvingCustomer Support

PythonBashCC++Go

LaTeXJavaScript/TypeScript

SwiftSwiftUIXcodeUIKit

CombineCoreDataXCUITest

SQLPostgresNeo4jLinux

Red Hat LinuxCLIDocker

KubernetesGrafanaELK Stack

JSONPandasNumPyn8n

LangFlowLangchainCI/CD

microservicesREST APIGit

JiraagileScrumTDD

UI testingMacOSWindows

English (C1)German (C1)

French (C1)Italian (C1)

Spanish (B1)Dutch (B1)

Japanese (JLPT N3)

- The command line interpreter uses its own tokenizer and tree logic to execute pipes and built-in commands
- Supports parentheses, '&&' and '||' operators, redirections, and heredocs

Das Grüne Band / The green belt app

App Store

-  2022-2025  iOS/Swift
- An iOS app for the exhibition at the Egapark in Erfurt (Germany)
- Showcases the history and significance of the former inner-German border

WWDCNotes

-  2020-2025  iOS/Swift
- An open-source app to collect notes for all Apple's WWDC videos
- Summarized and reviewed developer talks for the Swift community

NiceWeather

-  2021  iOS/Swift
- A weather app providing real-time weather updates and forecasts
- Utilized SwiftUI for a modern and responsive user interface

Airlock App

-  2020  iOS/Swift
- A meditation and journal app for iOS, designed to help users relax and reflect
- Coded with SwiftUI and CoreData

EDUCATION

Specialisation Curriculum

42 Berlin – Software Engineering School

-  2025 – present  Berlin
- Projects in ML and AI using huggingface models, implemented own tokenisation, interact with Ollama API's in Python.
- Low-level Cybersecurity and cryptography bootcamps
- Data science projects using Pandas, NumPy, Matplotlib

Core Curriculum

42 Berlin – Software Engineering School

-  2023 – 2025  Berlin
- Engaged in a full-time, project-based curriculum at 42 Berlin, mastering real-world software engineering through peer-to-peer learning, practical problem solving, and continuous self-directed development, with a focus on C, C++, and Docker
- Tackled increasingly complex challenges requiring discipline, creativity, and a deep understanding of core software and system concepts

Software Developer Certificate

IHK

-  2018 – 2020  Berlin
- State-recognized vocational training by the German Chamber of Commerce (IHK)
- Covered software development methodologies, project management, and practical programming skills

CERTIFICATES

Red Hat Academy Course

-  2025
-  Red Hat OpenShift Administration I: Operating a Production Cluster (DO180 - RHA) - Ver. 4.14
-  Red Hat Enterprise Linux Automation with Ansible (RH294 - RHA) - Ver. 9.0
-  Red Hat System Administration II (RH134 - RHA) - Ver. 9.3

Bosch Hackathon

- Certificate of participation for the 12h Agentic AI Hackathon 2025

Coursera

-  Google Cloud Big Data and Machine Learning Fundamentals
-  Modernizing Data Lakes and Data Warehouses with Google Cloud

Test Automation University

-  2020
-  Introduction to iOS Test Automation with XCUITest

VOLUNTEERING

Volunteer

WeAreDevelopers Conference

-  Berlin, 2024 and 2025
- Logistics and attendee support

Technical Assistant

FabLab Neukölln

-  2024  Berlin
- Supported members with CNC machines, 3D printers, laser cutters. Operated autonomously in a maker lab
- Assembled custom hardware controllers (SOROTEC)

Open Source Contributor

WWDCNotes

-  2023  Remote
- Summarized developer talks from the annual Apple WWDC conference for the iOS dev community—this was pre-ChatGPT

Remote Conference Support

UIKonf

-  2020  Remote
- Moderated sessions and supported attendees during pandemic-era remote conference