# Peter Mölzer

**Date of birth:** 22 Jan 1995

**Place of birth:** Genoa, Italy

**Nationality:** Italian, Austrian

## CONTACT

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**(Home)**

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🌐 https://petermoelzer-
shellfolio.vercel.app/

in https://www.linkedin.com/in/
peter-mölzer-395692175/

👤 peterle95 **(Github)**

## ABOUT ME

**Please visit my personal webpage for a more interactive experience**

I was born in Genoa (Italy) and since 2014 I live in Berlin.

I have a bachelor of science degree from *Humboldt Universität zu Berlin* in the field of economics and currently finishing my further training in computer science at the *42 school*.

Economist transitioning into software engineering, driven by a fascination with how technology, particularly AI, can transform data into actionable insights. After analyzing markets and building partnerships (Klarna, Clark), I pursued *computer science at 42 School* to bridge business strategy with technical execution, build and create new software.

I generally like to read books, write, play the guitar and dj.

## WORK EXPERIENCE

**InnoBee**  The Randstad, Netherlands

**Fullstack Developer**

Mar 2025 – Current
• Established and configured Docker containerization infrastructure for frontend development, ensuring seamless synchronization with Docker Hub repositories and Virtual Private Server deployments
• Implemented comprehensive ESLint code quality standards across the entire TypeScript and React Vite codebase to maintain consistent coding practices and enhance code maintainability
• Developed and maintained schema synchronization protocols between frontend and backend systems to ensure data consistency and API compatibility
• Designed and executed automated CI/CD pipeline workflows to streamline development processes and reduce deployment time by 40%
• Collaborated with cross-functional teams to architect scalable microservices infrastructure supporting high-availability production environments
• Conducted comprehensive code reviews on best practices for modern web development frameworks and deployment strategies

**Yellow Srl**  Genoa, Italy

**Software Engineer Intern**

Nov 2024 – Mar 2025
• Developed and implemented responsive UI components for property listing pages using React.js, HTML5, and Tailwind CSS.
• Integrated third-party services, such as the Google Maps API for displaying property locations and for syncing property listings, using JavaScript/ Node.js.
• Assisted in writing and optimizing SQL queries (MySQL) for efficient data retrieval related to property searches and agent performance reports.
• Participated actively in Agile development processes, including daily stand-ups, sprint planning, and code reviews using Git for version control and collaboration.
• Assisted in setting up and managing development environments using Docker, ensuring consistency across the team.
• Gained hands-on experience deploying application updates to staging/ production environments using GitHub Actions

**42 Berlin**  Berlin, Germany

**Website** www.42network.org

**Computer Science**

Jul 2023 – Current
At 42, I acquired in-depth software development knowledge through a project-based curriculum focusing on:

- **Algorithms & Data Structures**
- **Mid-level programming**: various projects in C/C++
- **Systems Engineering:** Working with Linux kernel, virtual machines (VM) and Docker containerization (creating isolated development environments), networking basics (IP addressing, subnet masks, routing).
- **Shell scripting:** Programmed own shell project from scratch, integration of Git for version control in team projects.
- **Collaborative problem solving**: agile development in peer learning projects - code reviews, pair programming, troubleshooting in teams.

**Klarna**  Berlin, Germany

**Address** Chausseestraße 29, 10115, Berlin, Germany | **Website** www.klarna.com

**Business Development Associate**

Apr 2022 – Apr 2023
- Stakeholder Mapping, research of key decision-makers
- Running Partner Success Meetings (20-30 attendees), with a goal of achieving strategic partnerships
- Drafting outreaches for CXOs and senior-level managers
- In-depth market research of partner prospects

**CLARK**  Berlin, Germany

**Address** Friedrichstraße 194, 10178, Berlin, Germany | **Website** www.clark.de

**Junior Partnerships Marketing**

Sep 2021 – Apr 2022
- Monthly Payout to revenue share partners.
- Communication with Partners about our news, setting meetings, sending invoices
- Taking part in important strategic meetings with revenue share partners (N26, DKB, Gorillas, etc.)
- Building of the Vorteilswelt (Webflow)
- Building Landing Pages (Contentful&WordPress), Templates (Google Web Designer - HTML), Tracking (Adjust), Mapping, Cost Attribution, and Voucher codes (OPS UI)
- Running Newsletter Tests with Partner: Different kinds of tests with Creatives, Texts, Titles (VWO)
- Research new partners for Marketing Partnerships

**Numa Gruop**

**Website** https://numastays.com/

**Internship**

Jan 2021 – Aug 2021
I was responsible for:
- Monitoring the balances (Looker) and communicating with the Guest Experience team
- I was also responsible for collecting bank transfers from guests (Apaleo) and updating the reservations
- Processing and synchronization of invoices (GetMyInvoices/Candis)
- On a montly basis, in collaboration with the Tech Team, I was in charge of carrying out the Adyen & Airbnb reconciliations

## PROJECTS

### Shellfolio
**Interactive Terminal Portfolio Website**
Developed a unique portfolio website that simulates a Unix terminal interface, showcasing projects through command-line interactions. Built with modern web technologies and deployed on Vercel, the site features an authentic shell experience where visitors can navigate through project information using familiar Unix commands. Demonstrates creativity in UI/UX design by combining nostalgic terminal aesthetics with modern web development practices to create an engaging and memorable user experience.
Stack: TypeScript, React, Next.js

**Link** https://petermoelzer-shellfolio.vercel.app/

### Webserv
**Webserver**
Custom HTTP server implemented in C++98. This project aims to provide a deep understanding of how HTTP servers operate, focusing on core network aspects and non-blocking behavior to handle multiple concurrent connections efficiently. The server's primary function is to receive HTTP requests from clients, process these requests, and send appropriate HTTP responses back

Stack: C++98, Unix, Nginx, JavaScript, HTML, CSS

**Link** https://github.com/peterle95/webserv

**EcoConnect (MVP)**

**Platform & App**

A green platform for connecting Users and Business for increasing urban sustainability. (Currently in development)
Stack: React, React Native, Tailwind CSS, Next.js

**Link** https://ecoconnect-ten.vercel.app/

## EDUCATION AND TRAINING

**JUL 2023 – CURRENT** Germany

**Computer Science** 42 Berlin

**Website** https://www.42network.org/

**SEP 2014 – APR 2020** Berlin, Germany

**Bachelor of Science in Economics** Humboldt Universität zu Berlin

I have a bachelor degree at Humboldt Universität zu Berlin in the field of economics. My thesis concerned around the subject of dynamic macroeconomics with focus on speculative bubbles.
Beside the theoretical knowledge in economics such as econometrics, micro- and macroeconomics, and an understanding of the central underlying mechanisms of the economy, I posess also more practical skills. I'm confident with statistical softwares such as Stata, R, and I'm able to use also other programs as well (Excel, Trello, LaTeX...).
At the university I also attended few juridic exams such as: private-, public, business- and corporate law. I posess knowledge in marketing theory and e-business. In finance I'm confident in portfolio diversification and market analysis.
The university experience also enriched me as a person and I'm planning to continue my studies applying to a master degree.

**Address** Unter den Linden 6, 10117 , Berlin, Germany | **Website** https://www.hu-berlin.de/de | **Field of study** Economics | **Thesis** The Macroeconomics of Rational Bubbles: A User's Guide

**9 JUL 2018**

**English for Economics and Politics UNIcert III C1** Humboldt Universität zu Berlin

**MAY 2016**

**Russisch UNIcert BASIS A1** Humboldt Universität zu Berlin

**AUG 2001 – MAY 2014** Genoa, Italy

**Double Degree: Maturità Italiana & Deutsche Abitur** Deutsche Schule Genua

I attended in my hometown of Genoa (Italy) the Deutsche Schule Genua, a bilingual private school supported by the German government. The focus of the school is to provide its pupils a broad education and the german language since the first year. This school offered me the chanche to get in touch with another culture since my early years and gave me the opportunity to study in Germany since I posess both italian & german school diploma.

**Address** Via Mylius, 1, 16128, Genoa, Italy | **Website** https://www.scuolagermanica.it/it/

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Italian

**Other language(s):**

**German**

**Listening** C2
**Spoken production** C2
**Reading** C2
**Spoken interaction** C2
**Writing** C2

**English**

**Listening** C2
**Spoken production** C1
**Reading** C2
**Spoken interaction** C1
**Writing** C1

**Russian**

**Listening** A2
**Spoken production** A2
**Reading** A2
**Spoken interaction** A2
**Writing** A1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## SKILLS

Git │Contentful CMS │Google Web Designer │WebFlow │Salesforce │C++ │HTML │C │Javascript │React │CSS │TypeScript │SQL │Next.js │Linux │Docker │GitHub Actions

## HOBBIES AND INTERESTS

**What I enjoy doing in my free time:**
Reading & Writing, Playing Football, Travelling, Skiing, Meeting Friends