Mikail Cayoglu *Software Engineer*

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SKILLS

Programming Languages: Python, JavaScript (ES6+), TypeScript, C++, ABAP

Web Development: Angular, React, Vue.js, Node.js, GraphQL, HTML/CSS

Cloud & Infrastructure: Oracle Cloud (OCI), AWS, Docker, Kubernetes, Terraform, DNS, Networking

CI/CD & QA: GitHub Actions, Jenkins, GitLab CI, Selenium, BDD, Test Automation

Enterprise Platforms: ServiceNow, SAP S/4HANA Finance

PROFESSIONAL EXPERIENCE

Software Developer ServiceNow 05/2024 – Present | Oberkochen, Germany
ZEISS
- Built **custom ServiceNow apps** (JavaScript, HTML, CSS) to streamline production & R&D workflows.
- Automated processes, cutting manual effort and enabling faster turnaround.
- Implemented **server-side test automation**, significantly reducing regression testing time and immproving reliability.
- Ensured quality via **mentoring colleagues, code reviews & best practices**.

Software Engineer 09/2020 – Present | Zürich, Switzerland
Chiron Services
- Built & scaled **OCI cloud infrastructure** (servers, VPN, APIs, DBs, hosting).
- Developed and designed **system architectures & data pipelines** (web scraping, APIs, databases) processing 5M+ records weekly.
- Set up **CI/CD with GitHub Actions**, significantly reducing deployment time.
- Acted as **technical owner** in a startup: architecture, infrastructure, product scalability.

Software Developer Treasury and Risk Management 02/2022 – 03/2024 | Walldorf, Germany
SAP
- Developed **ABAP applications** for **S/4HANA Finance Treasury & Risk Management**.
- Built a **Code Coverage Tool** to improve QA transparency and **automated testing** with internal frameworks, accelerating release cycles and ensuring compliance
- Worked with finance/engineering on **compliance & risk** requirements.

Quality Assurance Engineer 04/2018 – 12/2021 | Heidelberg, Germany
Molecular Health
- Created a **BDD test automation framework** (Python, Selenium) and built a **QA reporting platform** (Angular, Node.js, Python backend).
- Integrated pipelines with **Jenkins & GitLab** for full CI/CD, raising coverage and QA standards.
- Mentored team in Python; drove **code quality** standards.

Freelance Data Analyst and Web Scraper 08/2019 – 10/2020 | Mosbach, Germany
Self-employed
- Delivered **custom data scraping & analysis** for clients (websites, APIs, files).
- Automated extraction & transformation; produced **actionable reports**.

EDUCATION

M.Sc. - Data & Computer Science 2021 – 2024 | Heidelberg, Germany
Heidelberg University
- Overall Grade: A (1.5)
- Thesis: *Electric field simulations with phantom models for brain stimulation* — Grade A (1.0)

Bachelor of Science - Applied Computer Science 2016 – 2021 | Heidelberg, Germany
Heidelberg University
- Overall Grade: B (2.3)
- Thesis: *Improving a web application for analyzing large image datasets based on subjective similarity* — Grade A (1.0)

INTERESTS

Content Creation: Monetized YouTube channel (animation/entertainment)

Gaming & System Exploration: Reverse engineering, creative hacks/mods, game dev.

Automotive & Motorsport: Motorcycles & cars; tuning, events, performance engineering.

LANGUAGES

German (Native Speaker), **Turkish** (Native Speaker), **English** (C1), **Spanish** (B1), **Latin** (Advanced Certificate)