Merwin Mudavamkunnel
Software Developer

Birthday
24 Februar 1995

Nationality
Schweiz

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🔗 **My Portfolio**

🔗 **LinkedIn**

Programming Languages

Python, Django
Java
C#, .NET 8
JavaScript, React, NextJS
SQL, PostgreSQL
C++, C
Git, Atlassian, Jira, Kanban
Confluence, Scrum
Office 365

Spoken Languages

Swiss german | Mothertongue
German | Mothertongue
English | C1
French | A1

Work experience

Full Stack Software Engineer und Founder, michmieten.ch GmbH, Liestal
February 2023 – present (self-employed)

- Experience in backend development with Python and Django, including REST APIs, PostgreSQL databases, and Redis for caching and queue management
- Development of interactive frontends with React, Next.js, and Tailwind CSS for responsive designs
- Experience in server deployment with Docker and NGINX, as well as CI/CD automation using GitHub Actions for continuous integration and deployment
- Customer support

Robotic Process Automation Engineer, Migros Genossenschaftsbund, Zürich
August 2021 - August 2024

- Development and implementation of process automation with C#, .NET 8, and UiPath to optimize business processes
- Setup and management of GitLab CI/CD pipelines
- Integration of DevOps methods to improve collaboration
- Use of Scrum and tools like Jira and Azure Eventhub for agile project management

Research Assistant Economic Psychology, Universität Basel, Basel
August 2019 - August 2021

- Conducting statistical analyses and data evaluations using Python and R to support economic psychology research
- Data preparation and interpretation for experimental and empirical studies
- Assisting in the planning and execution of studies investigating decision-making behavior
- Writing a literature review for the paper: "A robust Bayesian test for identifying context effects in multiattribute decision-making" (Dimitri Katsimpokis, Laura Fontanesi, and Jörg Rieskamp)

Intranet Developer, Baloise Insurance, Basel
October 2018 - March 2019

- Development and maintenance of multilingual SharePoint websites for internal communication and collaboration
- Responsible for quality assurance and publication of the created pages
- Close coordination and communication with international subsidiaries for alignment and customization of intranet solutions
- Use of Kanban and Jira for efficient project management and task distribution

Education

- MSc. in Computer Science, University of Basel (2022 – present)
  Master Thesis: *"Automated Testing of Website Functionality"*
- BSc. in Computer Science, University of Basel (2017 – 2021)
  Bachelor Thesis: *"Historic Image Presentation in Mixed Reality using HoloLens"*
- Gymnasium with focus in biology and chemistry (2011 – 2015)