



Burak YALCIN
Software Engineer

✉ burakyalc.pro@gmail.com
📅 26 years old
☎ +41 78 309 93 28
🏠 Birmensdorf, Zürich

WORK EXPERIENCE

Software Engineer — Jackcontrol AG, Glarus, GL, Switzerland

Since October 2023

Development, maintenance and continuous improvement of a supervision software for microtunneling projects using Django, ASP.NET Core and Vue.js in an Agile environment.

- Successfully deployed in the field for the monitoring of 20+ tunneling projects with a total project value exceeding 20 million CHF.
- Led a complete UI/UX redesign, significantly improving usability and adoption among contractors.
- Implemented 3D visualizations (Three.js) and interactive dashboards (D3.js) for real-time project monitoring and performance analysis.
- Designed and optimized data processing and visualization algorithms, enabling more accurate and faster decision-making on site.
- Set up monitoring and error tracking with Grafana and Sentry, reducing downtime and increasing system reliability.
- Containerized and deployed applications with Docker, operated on Kubernetes clusters in the Google Cloud Platform.
- Actively contributed to strategic decisions on the evolution of core functionalities.

Software Engineer Internship — DALIM Software, Kehl, Germany

From January 2023 to July 2023

Contributed to the development of the next generation of Dalim ES using React, Java, and GraphQL, in an Agile team environment.

- Implemented user-friendly interfaces for workflow creation and monitoring, enabling customers to design and automate both simple and complex workflows.
- Developed automation algorithms for asset testing and optimization, reducing manual effort and improving processing efficiency.
- Conducted extensive testing and debugging, ensuring high reliability and scalability of the platform.
- Directly contributed to improving workflow automation capabilities used by enterprise clients, resulting in faster time-to-production and reduced operational errors.

Full-stack Developer Internship — Active Assurances, Boulogne-Billancourt, France

From September 2021 to February 2022

Automated critical financial business processes using C#, ASP.NET Core, and Azure Services within an Agile framework.

- Implemented secure data decryption, retrieval, and transformation of transactions sent by external banks, ensuring reliable and compliant integration of third-party financial data.
- Enhanced data integrity and security by streamlining the handling of encrypted financial transactions, reducing manual intervention and minimizing operational risk.
- Built and maintained Azure WebJobs for scheduled tasks and large-scale data processing, improving system efficiency and scalability.

EDUCATION

Master's Degree in Computer Science — CESI Computer Science Engineering School, Strasbourg

From September 2018 to July 2023

SKILLS

Frontend React (JavaScript, TypeScript), Vue.js, Next.js, D3.js, Tailwind CSS

Backend ASP.NET Core (C#), Django (Python), Node.js

DevOps & Tools Docker, Git, GitLab CI/CD, Azure DevOps, Grafana, Sentry, Webpack

Databases PostgreSQL, MySQL, MongoDB, MS SQL Server

Soft Skills Agile teamwork (Scrum), cross-cultural communication, problem-solving in complex environments, client-focused mindset, high adaptability to new environments and challenges

LANGUAGES

English Fluent

German Professional working proficiency

French Native

Turkish Native