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YANI VUTOV

Junior Software Engineer

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The bulk of my experience is in C# and Java in which I have over 3 years of work experience. I'm currently looking for a full time position in Switzerland/Lichtenstein as a (Junior) Software Engineer.

EDUCATION

Heilbronn University of Applied Sciences

March 2021 – Aug 2024

↓ Software Engineering, Bachelor – 1,9

Karlsruhe University of Applied Sciences

March 2018 – Feb 2021

↓ Informatics, Bachelor

EXPERIENCE

SCHWEIKERT GMBH

Software Engineer

Oct 2024 – current

 C#, WinForms, EFCore, MS SQL Server

- Maintenance and expansion of an application for the analysis of SPS, Fronius Weldcube, and TOX reports.
- Design and development of an application for the calculation of diverse production costs, creation of client offers and tracking of client correspondance with a complete history of operations for undo and audit purposes with a specific focus on long term expandability and maintainability due to a large amount of desired features long term.
- Creation of an Excel VBA template for the monitoring of current and future raw material needs with data from an ODBC connection to Planat ERP's DB.

Working Student Software Engineer

April 2024 – Sep 2024

 C#, WinForms, EFCore, MS SQL Server


- Design and development of a parser service and GUI for the analysis of SPS, Fronius Weldcube, and TOX reports.

BOSCH ENGINEERING GMBH

Bachelor Thesis: Concept and design of a platform-independent, interactive, and user-friendly interface for the µLC test system

Oct 2023 – March 2024

↓ Bachelor Thesis – 1,3

 C#, WinForms, Blazor, Avalonia, Electron, Photino.Blazor, GoldenLayout, (Blazor)Bootstrap, ChartJS, Plotly.Blazor

- Non-disclosure agreement

 C#, WinForms, Python Reference

- Support in the conception and development of a component-based software architecture, with the aim of supporting existing and future open-loop test systems
- Review and expansion of functionality for various software components, such as RPM, engine position management, CAN and the manipulation module
- Introducing the XRay test management tool and piloting SikuliX for test automation
- Refactoring of complex code parts for performance and maintainability
- Root cause analysis for complex bugs, development and implementation of solutions
- Supporting internal and external customers in the use of the µLC Test System

VECTOR INFORMATIK GMBH

Working Student Java Developer

June 2019 – Feb 2021

 Java, SWT Reference

- Expanded metrics, configured tables and performed regression tests of PREEvision.
- Developed and implemented a multithreaded concept improving UI update performance in JUnit tests.

SKILLS

Programming languages

Good	C# and Java
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Rudimentary	Go, TypeScript, and Python
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Frameworks/Libraries

C#	.NET Blazor, WinForms and EFCore
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Java	SWT, JFrame, SikuliX, JPA/Hibernate, Spring and Thymeleaf
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Go	Templ
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Web	HTMX, Astro, Bootstrap, Tailwind
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General/Tooling

Good	Eclipse, Visual Studio, VSCode and JetBrains IDEs
	Unity
	Jira (+XRay), Confluence
	pfSense

Rudimentary	Git and SVN
	Docker
	Terraform
	AWS

Languages

Bulgarian	English	German
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Native	⬇ C2	⬇ C1
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