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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.

EDUCATION

Heilbronn University of Applied Sciences

March 2021 – Aug 2024

↓ Software Engineering, Bachelor

Karlsruhe University of Applied Sciences

March 2018 – Feb 2021

↓ Informatics, Bachelor

EXPERIENCE

SCHWEIKERT GMBH

Software Engineer

Oct 2024 – current

Working Student Software Engineer

April 2024 – Sep 2024

 C#, WinForms, EFCore, MS SQL Server


- Full stack design and development of a parser service and GUI for the analysis of SIMATIC WinCC (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 μ LC 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

Intern C# Software Engineer

March 2023 – Sep 2023

↓ Reference

 C#, WinForms, Python

- 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

- Restructuring of complex code parts with a focus on improved performance and easy maintainability
- Root cause analysis for complex bugs, development and implementation of solutions
- Supporting internal and external customers in the use of the μ LC Test System

VECTOR INFORMATIK GMBH

Working Student Java Developer

June 2019 - Feb 2021

[↓ Reference](#)

 Java, SWT

- Acquired expertise in PREEvision, performed manual regression tests, configured tables, and expanded metrics.
- Developed and implemented a multithreaded concept for improving UI update performance in JUnit tests using Java.

SKILLS

Programming languages

Good	C# and Java
Rudimentary	Go, TypeScript, and Python

Frameworks/Libraries

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

General/Tooling

Good	Gradle Eclipse, Visual Studio and JetBrains IDEs Unity Jira (+XRay), Confluence pfSense
Rudimentary	Maven Git and SVN Docker Terraform AWS

Languages

Bulgarian	English	German
Native	↓ C2	↓ C1