Andrei Răulea

Software System Engineer

CONTACT

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SKILLS

- C++
- Java
- Python
- Linux
- SQL
- Jira/Confluence
- Postman
- Docker
- Crystal Reports
- Version Control(Git)
- JavaScript/Angular/CSS
- Node.js
- XML/XSLT

LANGUAGES

- English
- German

PROFILE

I'm a software engineer with over 2 years of experience in software testing, backend integration, and automation. Starting as a Test Engineer at ProIT, I built a strong foundation in designing and executing test cases, debugging, and improving quality processes. Over time, I expanded into backend systems engineering, where I work with Java, SQL, Python, and XML/XSLT to handle data processing, reporting automation, and interface maintenance. With expertise across testing, scripting, and backend development, I focus on improving system reliability, optimizing workflows, and delivering user-focused digital solutions.

PROFESSIONAL EXPERIENCE

Software System Engineer, Bertrandt, Sibiu
September 2025 – Present

- I ensure the stability, optimization, and seamless operation of enterprise data integration and reporting systems by managing Java/SQL-based loaders, troubleshooting and transforming complex data interfaces, automating processes, and delivering secure, business-critical insights through advanced monitoring, analysis, and cross-functional collaboration.

IT Support Specialist, Infosys, Sibiu
November 2024 – September 2025

- Experienced IT professional specializing in server administration, internal applications, and Office 365 support for a german engineering company. Skilled in troubleshooting hardware/software issues, managing technical escalations, and optimizing IT operations. Adept at collaborating with engineering teams to enhance system reliability and user experience.

Software Testing Engineer, ProIT, Sibiu
September 2023 – Present

- Software Testing Engineer at ProIT - Strategic Partner of Audi: Department of Vehicle Motion Management. Responsibilities include testing software modules for autonomous driving.

Embedded Circuit Workshop, Miele, Brasov
March 2023

- Miele Project: "Make your own Miele Washing Machine." Developed both the hardware and software for a miniature washing machine prototype. As a result of this workshop, my team and I achieved 3rd place.

Internship, ProIT, Sibiu
July 2022 - August 2022

- Engaged in embedded automotive software testing using Python, Matlab, and Simulink.

Internship, Preh, Brasov
June 2022 - July 2022

- Internship in collaboration with Preh Company from Brașov. Responsibilities included designing and fabricating a PCB with an integrated LED.

🎓 EDUCATION

2008 – 2016: "Nicolae Iorga" Secondary School. (German profile)

2016 – 2020: „Samuel von Brukenthal" Theoretical High School, Sibiu, specialisation in Mathematics and Computer Science. (German profile)

2020 – 2024: Transilvania University of Brasov, Faculty of Electrical Engineering and Computer Science, specialisation in Computer Science.

📑 CERTIFICATIONS

Professional Competence Certificate in Informatics – Brukenthal Highschool: Designing and structuring software for systems, applications, databases, and web pages

Digital Competence Certificate with an Expert User Rating – Brukenthal Highschool: This certificate demonstrates advanced proficiency in technology and digital tools.

Python Accreditation – ProIT Company: Completion of the Python course at ProIt company.

Simulink Accreditation – ProIT Company: Completion of the Simulink course at ProIt company.

Cambridge Certificate – University of Cambridge: This certificate demonstrates my proficiency in English with a B2 grade.

Deutsches Sprachdiplom Certificate - Kultusministerkonferenz: This certificate demonstrates my proficiency in German with a C1 grade.

SAP BW Certificate - Udemy: I am SAP BW certified with expertise in data warehousing, modeling, ETL, and reporting from the SAP BW 7.4 Zero To Hero course.