Catalin Bota

Cluj-Napoca, Romania | *bota.catalin@gmail.com* Portfolio: https://**me.nodes.ro**

Professional Summary

Detail-oriented full-stack software engineer with *15+ years of experience* spanning desktop applications, embedded systems, automation, and enterprise web development.

Strong background in leading teams, collaborating across geographically dispersed groups and building user-focused applications.

Currently leading development of internal tools for domain-specific languages in the fintech space.

WOLTERS KLUWER – TECHNICAL OWNER / SENIOR SOFTWARE ENGINEER 2017 → PRESENT

- Built and maintained domain-specific language tooling supporting multiple(10+) product teams. Designed and implemented core platform features used by 100+ engineers in the fintech space.

- Supported multiple product teams through internal tooling initiatives.

- Mentored junior and new team members, led technical interviews, and defined code quality standards across the organization.

ALTRAN (NSPYRE) – AUTOMATION & SOFTWARE ENGINEER 2011 → 2016

- Started as an automation engineer on an advanced OLED research initiative, delivering PLC/DCS system integration for large-format display manufacturing.

- Transitioned to software development using model-driven engineering concepts, building solutions on the Eclipse platform.

- Managed the model-driven engineering team in Cluj, supporting tool adoption and streamlining development workflows for clients such as ASML.

EMERSON – PROJECT ENGINEER 2007 → 2011

- Handled system engineering and design tasks—including configuration, Factory Acceptance Testing (FAT), and Site Acceptance Testing (SAT). Also worked on integrating DeltaV systems with third-party equipment and PLCs, while providing back-office support for oil and gas projects.

BITSTONE – WEB DEVELOPER JAN 2007 → NOV 2007

- Implemented various websites in alignment with client specifications.

Education

Technical University of Cluj-Napoca – Diploma Engineer in Systems Engineering & Computer Science, 2002 → 2007

Key Skills & Technologies

Collaboration & Leadership

- Extensive experience working within multinational teams. Skilled at collaborating across geographically dispersed teams in cross-cultural environments. Comfortable leading, mentoring, or integrating into diverse team structures.

Languages & Frameworks Experienced in software and systems engineering across diverse programming paradigms, platforms, and development environments.

- Strong background in object-oriented (Java) and procedural programming, with a strong foundation in domain-specific language (DSL) development.

Dev Tools and Workflows Proficient in a modern and versatile development toolchain that supports scalable, collaborative, and automated software delivery.

- Version Control & Collaboration: *Git, Bitbucket* – Build & Dependency Management: *Maven* – Containerization & Automation: *Docker*

Methodologies Skilled in modern software development practices with a focus on agile delivery. Familiar with designing and deploying workflows to ensure reliable and frequent releases.

- CI/CD Pipelines: *TeamCity* for continuous integration and deployment – Project & Issue Tracking: *JIRA* for agile workflows and team coordination.

Spoken languages *Romanian* (native), *English* (fluent), *French* (conversational)

Public projects portfolio

https://me.nodes.ro/

Certifications & Learning: Oracle Certified Associate – Java SE 8, Eclipse Rich Client Platform (RCP) Training.