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# RAUL-CRISTIAN CIURESCU

SENIOR SOFTWARE ENGINEER & CCNA CERTIFIED

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## PROFILE

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With almost *4 years of experience as a software engineer*, I have developed and fixed features, applications, and microservices with a focus on cloud infrastructure, using Java, Spring, CI/CD, AWS, Kubernetes, Docker and others.

I am passionate about distributed systems related to the fields of Big Data, Cloud Computing, and Blockchain technologies. I enjoy learning new tools and frameworks, and I have completed certifications in Learning Spring with Spring Boot and Advanced Java Programming. My goal is to contribute to the development of scalable, reliable, and secure cloud solutions that meet the needs and expectations of the customers and the users.

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## EDUCATION

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**Romanian American University** | *Information Systems Management*    *Bucharest, RO*    |    **10.2006 – 10.2011**

**University of Bucharest** | *Mathematics and Computer Science*    *Bucharest, RO*    |    **10.2004 – 10.2008**

**Jean Monnet High School**    *Bucharest, RO*    |    **10.2003**

### *Additional Courses*

**Jademy** [Authorized ORACLE Education Center]    *Bucharest, RO*    |    **11.2019 – 06.2020**

✓ *Java Programmer, Computer Software Engineering*

**Cisco Networking Academy**    *Bucharest, RO*    |    **09.2015 – 05.2017**

✓ *Licentiate degree, Network and System Administration/Administrator*

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## SKILLS

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### Known Technologies:

JAVA, SPRING FRAMEWORK, LINUX, BASH, REST, TypeScript, JPA, HIBERNATE, JSP, HTML, XML, JSON, YAML, KUSTOMIZE, MAVEN, GRADLE, THYMELEAF, DOCKER, KUBERNETES, AWS, CI/CD (Spinnaker), JENKINS, IntelliJ IDE, POSTMAN, GIT, VM's, Vagrant

### Competency Level

Advanced

### Database Languages:

MySQL, PostgreSQL, Apache, Oracle

Intermediate

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## EXPERIENCE

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**Armory** | *Senior Software Engineer [Fulltime][Remote]* *United States, USA* | **06.2022 – 12.2023**

**Skills:** Cloud Computing, Continuous Integration (CI), Continuous Delivery (CD), Software Development, Gradle, Kubernetes, Shell Scripting, Groovy, Docker, Unit testing (JUnit 5), E2E testing (Cypress), Java 11, Spring Framework, Git versioning (GitHub)

### Open Source Spinnaker Project Contributor

Contributed to the Open Source Spinnaker project, an industry-leading continuous delivery platform designed to help organizations deploy software reliably and at scale.

### Key Achievements:

- ✓ In response to deployment challenges, I led a significant refactoring effort in the Kubernetes deployment process
  - Significantly reduced deployment failures and related troubleshooting efforts.
  - Improved overall system stability and reliability.
- ✓ Recognizing the need for efficient error handling, I spearheaded the development of the Self-Serve Error Management plugin
  - Empowered users to proactively manage errors, reducing downtime.
  - Enhanced system resilience by providing a user-friendly error management solution.
  - Developed automated test scripts for exception override scenarios.
  - Integrated the tests into a continuous integration pipeline.
  - Increased confidence in the system's ability to handle exceptions.
- ✓ Responding to a critical Common Vulnerabilities and Exposures (CVE) issue, I took prompt action to mitigate the risk.
  - Implemented corrective measures to address the incorrect registration ID behavior.
  - Demonstrated a commitment to proactive security practices.
- ✓ To enhance the Helm/Bake process, I actively contributed by adding additional input fields for API version details.
  - Streamlined the process of specifying API versions.

- Provided users with greater control over the API versioning process.
- ✓ Documented and released Helm API versions
  - Provided clear and accessible documentation for users and developers.
  - Facilitated a smooth and well-informed transition for system updates.
- ✓ Addressing database-related challenges, I resolved Liquibase issues, including a critical ClassCastException.
  - Resolved a critical issue that could potentially disrupt system operations.
- ✓ Implemented a Github release endpoint for automated release management and ensured integration with existing release workflows.
  - Simplified the release process, reducing manual intervention.
  - Enhanced collaboration and communication for release management.
- ✓ Improved Redirect functionality for better exception handling, I improved redirect functionality to allow for redirects instead of throwing exceptions.
  - Modified the redirect logic to handle exceptions more gracefully.
  - Contributed to overall system stability.

**R Systems** | *Senior Software Engineer [Fulltime][Remote]*

*Bucharest, RO* | **08.2020 – 07.2023**

**Skills:** Gradle, Maven, Unit testing (JUnit 4, 5), Shell Scripting, Groovy, Java 8, Spring Framework, Git, Postman, SoapUI, Cloud Computing

### **Key Achievements:**

- ✓ Metaswitch Application Management in AGILE environment
  - Spearheaded the development and management of Metaswitch applications within an AGILE environment, ensuring the timely delivery of new features.
  - Collaborated with cross-functional teams to prioritize and implement feature enhancements, adhering to AGILE methodologies for efficient project execution.
- ✓ Bug resolution and marketing strategy integration.
  - Identified and resolved existing bugs in Metaswitch applications, seamlessly integrating the fixes into the product offerings.
  - Contributed to the development of new marketing strategies, leveraging the enhanced application functionality to strengthen market positioning and user engagement.
- ✓ Mobile voicemail application for subscriber administration.
  - Led the design, development, and maintenance of a robust mobile voicemail application integrated into the subscriber administration system.
  - Ensured seamless subscriber experience through effective administration and troubleshooting of the mobile voicemail application.
- ✓ Upgraded and maintained existing documentation to ensure accuracy and alignment with the latest system configurations and features.
- ✓ Integration with CI/CD pipelines and VM functional testing.
  - Integrated applications with CI/CD pipelines, ensuring seamless and automated development processes.
  - Implemented VM functional testing to validate application functionality within the CI/CD pipeline, ensuring robust error-free deployments.

- ✓ Developed a user-friendly graphical user interface application for subscriber provisioning, streamlining the management of subscriber mailboxes.
  - Ensured efficient and secure provisioning of subscriber resources, enhancing overall system usability.
- ✓ Created comprehensive SoapUI/Postman tests to validate the functionality of integrated features in collaboration with Swisscom.
- ✓ Ensured the reliability and performance of new features, as well as the effective resolution of recently identified bugs, contributing to the overall quality assurance process.

## **Cyber It Solutions** | *It Manager [Fulltime]*

*Bucharest, RO* | **09.2017 – 08.2020**

- ✓ Maintained high-level knowledge of current and emerging technologies, development, and applications.
- ✓ Coordinated third-party vendors and client It Teams to seamlessly deliver effective solutions.
- ✓ Handled client inquiries with exceptional professionalism and enthusiasm.
- ✓ Designed, implemented, configured, and integrated customer networks utilizing Wi-Fi technology.

## **Claret Financial Services** | *It Manager [Fulltime]*

*Bucharest, RO* | **12.2017 – 12.2018**

- ✓ Developed the network infrastructure between the country branches and headquarter.
- ✓ Created the network architecture, security and the necessary implementations.
- ✓ Took an additional role as a technical trainer in the company after completing an internal security program and started implementing it.
- ✓ Took part in the recruitment process, conducting more than 15 technical interviews with candidates of all seniority levels.

## **Tonka Solutions** | *Network Engineer [Fulltime]*

*Bucharest, RO* | **11.2016 – 12.2017**

- ✓ Provided complete end-to-end engineering and installation of route-based IP network solutions.
- ✓ Worked in a team of eight and created video and wireless infrastructure in Bucharest.
- ✓ Developed and maintained the network infrastructure for Therme Bucharest.

## **Catena Pharmacies** | *It Manager [Fulltime]*

*Bucharest, RO* | **09.2008– 04.2011**

- ✓ Improved and maintained four websites [HTML, CSS, MySQL, Back-end GUI Administration]
- ✓ Worked in a team of six.
- ✓ Analyzed customer data, managed, and created relevant customer ads.

## **Media Tools** | *Web Administrator [Fulltime]*

*Bucharest, RO* | **06.2006– 06.2008**

- ✓ Restructured website frontend codebase for efficient display of pages and products

- ✓ Worked in a team of two and contributed to online advertising by creating content and SEO.
- ✓ Strengthened relationship between company and customers.
- ✓ Learned PHP, Dreamweaver, UI Design and strengthened my knowledge of Microsoft Office suite.

**Ugur Yapisan** | *Web Administrator [Fulltime]*

*Bucharest, RO* | **03.2005– 05.2006**

- ✓ Contributed to building the company's image on the web.
- ✓ Developed the website and database and maintained them.
- ✓ Created logo design, banners, and SEO.
- ✓ Learned Html, CSS, CorelDraw, and Photoshop

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## INTERESTS

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### **Investing**

Personal development and Stock  
Investor

### **Swimming**

Dinamo Bucharest  
SS6 Swimming Club

### **Reading**

Personal development and technical  
books