# Andra-Elena Ion

### Software Engineer Intern

Elena-Andra Ion
COMPUTER SCIENCE STUDENT

Software Engineer Intern, dedicated to improving skills through hands-on learning and development, specializing in Java and Spring framework, with 1 year of relevant experience. Well-versed in developing efficient and scalable software solutions, highly skilled in database management systems, as well as expertise in Hibernate. Proficient in unit testing with JUnit and Mockito, ensuring high-quality code that meets the highest quality standards. Well-organized and collaborative team player with strong communication and interpersonal skills.

## CONTACTS

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📍 89 Uverturii Avenue,
Bucharest, Romania

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AndraElenaIon

Andra Elena

## TECHNICAL SKILLS

- Programming languages: Java

- Frameworks: Spring, Spring Boot

- Platforms: Mac OS X, Windows, virtualization technologies

- Automation tools: JUnit, Mockito, build tools (Maven, Gradle)

- CI/CD: GitLab, GitHub

- Databases: MySQL, Oracle, Microsoft SQL Server, PostgreSQL, Hibernate

- Issue Tracking: Jira, Trello

## EXPERIENCE

**01/2023-07/2023**

**Java Software Engineer Intern | Grid Dynamics Romania**

As a software engineer intern, I gained valuable experience working with Java as my main programming language. I had the opportunity to learn and work with various technologies, including Spring framework, unit testing tools, and GitLab. Through my internship, I completed several individual projects, refining my skills in Java development and expanding my technical expertise and also a team project which got me to work with technologies such as Eureka, Hystrix, and Spring Cloud Gateway.

**Responsibilities**:
- Actively engaged in self-directed learning and skill development
- Actively participating in project discussions
- Developing functionality: from specifications review and coding to unit testing and deployment
- Participating in solution architecture design and implementation
- Designing RESTful applications

## EDUCATION

**10/2020-present**

*expected 2024*

**Bachelor of Science Degree | Politenica University of Buharest**

Faculty of Automatic Control and Computer Science

**09/2016 - 05/2022**

**Baccalaureate Diploma | Radu Vladescu Theoretical Highschool**

Mathematics & Informatics Profile

## Elena-Andra Ion
COMPUTER SCIENCE STUDENT

## SOFT SKILLS

- Ambitious
- Eager to learn
- Easily adaptable
- Communicative
- Resourceful
- Detail-oriented
- Organized
- Collaborative

## LANGUAGES

- English - B2
- French - A2
- Romanian - Native Speaker

# RELEVANT PROJECTS

1. **Paint Application:**

   ○ Developed a Java version of the Paint desktop application as an individual project during my third year of college.
   ○ Implemented core functionalities for drawing and image editing. Technologies used: JavaFX, NetBeans IDE, and SceneBuilder for development
   ○ The project repository here

2. **Online Banking App:**

   ○ Collaborated on a team project to create an online banking application with comprehensive functionalities.
   ○ Designed and developed various components, including user account creation, management of multiple bank accounts and debit cards, transaction initiation, and handling incoming payment requests from online merchants.
   ○ Took part in all stages of architectural design and development planning.
   ○ Personally developed the backend for half of the application, focusing on user management, security, bank accounts, dedicated vaults, interbank transactions, and a ghost online merchant feature. Technologies used: Spring Boot, Thymeleaf, CSS, HTML, and JavaScript.
   ○ The project repository here

# COURSES & CERTIFICATES

| 2022 | **Programming with Java | Google Digital Workshop for Developers** |
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| 2022 | **Software Engineering Program | Digital Stack** |