

# Alexandru-Ionuț Clapou

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## EDUCATION

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### Babeș-Bolyai University

*Master of Science in Software Engineering*

Cluj-Napoca, Cluj

2022 – 2024

### Babeș-Bolyai University

*Bachelor of Science in Computer Science*

Cluj-Napoca, Cluj

2019 – 2022

### Andrei Mureșanu National College

*Intensive Mathematics and Informatics*

Bistrița, Bistrița-Năsăud

2015 – 2019

## EXPERIENCE

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### GolfGenius

*Software Engineer*

Feb. 2022 – Present

*Cluj-Napoca, Cluj*

- Develop and maintain software features using Ruby on Rails, jQuery and React
- Write requirements and specifications documents
- Fix bugs and support team members by providing guidance and technical assistance
- Review feature and hotfix code to ensure correctness, code quality and development standards
- Manage my tasks in the release cycle, following all internal procedures to ensure they're fully ready for release

### Endava

*Intern*

Jul. - Sep. 2021

*Cluj-Napoca, Cluj*

- Developed project-based web applications & REST APIs using .NET

### Volunteering

*Teaching*

Mar. 2021 - Feb. 2022

*Remote*

- Tutored high school students for the *Romanian Baccalaureate*
- Tutored university students for various exams and subjects

## PROJECTS

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### MATCHES | *Ruby on Rails, Hotwire, PostgreSQL, Redis*

- Football matches tracking app that displays today's and tomorrow's fixtures from specific leagues
- Highlight the most important matches based on various criteria using Google Gemini
- Implemented a MemoLock mechanism to prevent cache stampede and protect API quota during concurrent cache misses

### CRUD | *Ruby on Rails, Hotwire, PostgreSQL*

- Single page application allowing users to create, read, update or delete quotes
- Searching and filtering by content & rating

## TECHNICAL SKILLS

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**Languages & Frameworks:** Ruby, Ruby on Rails, Python, Javascript, jQuery, React, Tailwind, Bootstrap

**Tools:** Git, Cursor, Figma, Jira