

David Rocha

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SUMMARY

I am a passionate software engineer dedicated to building innovative solutions. Continuously learning and mastering new technologies to deliver the best products.

EXPERIENCE

Junior Mobile Developer

BeYourBest™

Jan 2025 – Present

Oslo, Norway (Remote)

- Collaborated with the team to design, develop, and maintain the mobile companion app.
- Contributed to the full development cycle, from concept to deployment.
- Worked closely with the VR (Unity) team to ensure seamless integration between the mobile app and the VR software.
- Participated in code reviews and testing.

Junior Software Engineer

Arkadium

Oct 2023 – Dec 2024

Lisbon, Portugal (Remote)

- Delivered game updates aligned with product requirements, quality standards, and production schedules.
- Collaborated with partners such as AARP, Microsoft, and USA Today to deliver game updates on their platforms.
- Actively worked on the integration of 2nd and 3rd party games.
- Technologies: Typescript, Javascript, HTML5, PIXI.js, Phaser

Intern (MSc Thesis Development)

ZeroZero

Feb 2023 – Jul 2023

Porto, Portugal (Hybrid)

- Developed a novel metric for evaluating text diversity in news feeds over time.
- Improved an NLG (Natural Language Generation) system.
- Technologies: Python

EDUCATION

Faculty of Engineering, University of Porto

BSc and MSc Degree in Computer Science and Engineering

Porto, Portugal

Sep 2018 – Jul 2023

Faculty of Mathematics and Computer Science, University of Łódź

Erasmus+ Mobility Programme

Łódź, Poland

Oct 2022 – Feb 2023

PROJECTS

Compiler for Java-- (subset of Java) | *Python*

Sep 2022 – Jul 2023

- Implementation of a programming language parser, along with lexical and semantic analysis.
- Technologies: Java, JavaCC, Jasmin.

Distributed Backup Service

Sep 2022 – Jul 2023

- Implementation of a peer-to-peer file storage service.
- Technologies: Java, Java RMI.

CERTIFICATES

Cambridge Certificate in Advanced English (CAE)

Cambridge Assessment English

Jun 2015

SKILLS

Technical: Javascript, Typescript, C#, C++, Python, Java, HTML5, CSS3, PHP, Laravel, Node.js, React.js, Bootstrap, MySQL, PostgreSQL, MongoDB, Firebase, Git, Docker, Unity, WebGL, PIXI.js, Phaser, Three.js, SDL2, Pandas

Languages: Portuguese (Native), English (Fluent), Spanish (Conversational)