

# Jose Esteve Rel

Software engineer - Engine and tools programmer

Valencia, Spain

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*Software engineer specialized in engine and tools programming using Unreal Engine and other custom engines. 5 years of experience in the industry. Worked on multiple shipped titles across multiple platforms.*

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- C, C++, C#, Java, Lua, Javascript, Shaders (GLSL)
- Unreal Engine, Unity, Proprietary Engines (Blam)
- PC, PlayStation, XBox
- Git, Perforce
- Jira, Confluence, Agile development

## PROFESSIONAL EXPERIENCE

### Engine and tools programmer - abstraction games

Sept 2021 - Dec 2025

#### Unreleased AAA first person shooter

UE5 - PC/PlayStation/XBox

- Together with the engine team, developed a custom UE5 plugin to support the project needs.
- Created a custom object creation pipeline.
- Modified and expanded UE5 enhanced input to better fit the project.

#### Halo: The Master Chief Collection

UE4/Blam - PC/XBox

- Worked on adding accessibility features across the different games of the collection:
  - Unified subtitle system with customizable options.
  - Controller remapping.
  - Updated navpoint system.

#### The Endless Dungeon

Unity - PC/PlayStation/XBox

- Bug fixing for cooperative game modes.
- Platform Certification issues.
- Platform integration (achievements, lobbies, friend invitations).

#### Surviving Mars: Below and Beyond

Custom Engine - PC

- DLC gameplay specific features: new buildings, world transfer resources system.
- Bugfixing and optimization to enhance performance.

### Software developer - AHORA freeware

Nov 2018 - Sept 2019

Worked on the frontend team for business software development.

Developed a web portal integrated with the Spanish tax services API to manage the access of different companies to their tax data.

- Backend used .NET Core and Entity Framework.
- Frontend used React.

## EDUCATION

### HND in Computing

ESAT Valencia - 2019/2021

### Bachelor's degree in Computer Engineering

UPV (Universitat Politècnica de València) -  
2015/2019

## LANGUAGES

- Spanish (Native)
- Catalan (Native)
- English (Fluent)