Pol Surriel Muixench
Software Engineer

Result oriented, ease of team coordination, committed, positive work experience in fast-paced environments. Never stop learning new technologies, tech. industry is unique.

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Work experience

Android trainer (Remote) | FCI - Information technologies services
May 2021 - current
Full-time

In charge of the training program design and realization to master skills in Android Studio in 300 hours for more than 20 participants.

- Firebase: Firestore, Realtime Database, Cloud messaging. Camera X, Room database.
- Java 8+, Kotlin. Android Studio. Reactive programming, MVVM. Git & Github.
- UX/UI, Material Design, Figma. Responsive design.

Project mentor & programming trainer | Institut Tecnològic de Barcelona
December 2021 - June 2022
Full-time

Project mentor and tribunal member responsible for guiding students to analyze and choose technologies, design software architectures and develop their project following good practices, agile ceremonies and correct use of git. Programming teacher.

- Angular 12, JavaScript, TypeScript, P5js, CSS + HTML.
- Java 8+, Kotlin, Android Studio. Firebase.
- Unity, C#. Linear Algebra for games and fluid simulations.

Co-founder. Graphics programmer & AI developer | Surreal Boost S.L.
January 2019 - November 2021
Full-time

Management of a cross-functional team with 8 members. Making decisions to define production pipelines from concept arts, to 3D modeling, animations, sound design and engine integration. Developing features and negotiating with our stakeholders.

- Complex AI Algorithms such as GOAP, A* over parabolic trajectories, animation trees or decision trees. IK FABRIK.
- Linear Algebra. Procedural 3D models. Graphics programming with GLSL shaders in Unity (Cell-shades).
- Unity advanced C#. Multi-thread programming. Optimization.
- Jira software.

Java back-end developer (internship) | SIGMA: Helping Universities Succeed
January 2017 - May 2017
Part-time

- Java back-end + JSPs. Strong use of MySQL, data & security checks.
- AngularJS, TypeScript, JQuery.
- Internship ended with a job offer.

Studies

IT Project Management postgraduate
Universitat autónoma de Barcelona
2019

Software engineering degree
Universitat de Barcelona
75% of credits

CFGS Higher Technician in Web Development
2018

CFGM Technician in Micro Informatic Systems
2018

Awards

Best student Scholarship 2018
UAB/SIGMA: Helping Universities Succeed
2018

Languages

English - B2
Spanish - C2
Catalan - C2

Briefcase

polsurriel.github.io

Front-end web developer (internship) | IndianWebs
January 2016 - May 2016
Part-time

- UX/UI design of web applications.
- HTML/CSS + Bootstrap. Wordpress. Prestashop.
- JavaScript, PHP.
- Internship ended with a job offer.