JK DEV

Juan Camilo
Charria Caicedo

Software Engineer | Game Developer

35 years old
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BIOGRAPHY

I'm an entrepreneur and professional software developer with more than 14 years of experience in web development and video games development with a wide set of knowledge in Unity3D, Unreal Engine 4, PHP and Object-Oriented programming in C++, C#, Javascript and more.

I've graduated as a System Technologist although I taught myself to code video games to specialize in gameplay programming. I distinguish for being an entrepreneur, a project leader, fast learner and quick prototyping.

EXPERIENCE

LEAD SOFTWARE ENGINEER
Pathful Inc | Austin, Texas | Full-Time | March 2020 - Present

» Joined Pathful Inc (formerly Nepris) as a UI Software Engineer in 2020.
» Promoted to Senior Software Engineer in 2021.
» Promoted to Lead Software Engineer in 2022.
» Led the first redesign of the Nepris app into React in 2020.
» Collaborated with the Product team to align goals and develop new features.
» Worked closely with my manager to plan our Sprints and new software architecture.
» Led the team and mentored them with best practices on the frontend.
» Was part of the merge of two company products into a brand new one.
» Collaborated with the team to architect backend solutions.
» Leveraged the power of the cloud using Azure Service Bus to rewrite a search indexing service into an event-driven system.

UI ENGINEER & FRONT-END DEVELOPER
File & ServeXpress | Irving, Texas | Full-Time | Jul 2017 - March 2020

» Defined UI guidelines to use across all the company's applications.
» Leading the migration of the main product's old UI from a decade ago to newer technologies involving React + Redux.
» Created an in-house React library to dynamically generate a UI.
» Involved as the lead front-end developer in every UI decision.
» Updated the company's branding and added consistency to all applications.
» Supported the back-end of the company's main application, primarily working on new APIs to use on the UI.
» Introduced UI automation using the ATATA framework.
» Supported other developers debugging any issues that could potentially be UI bugs.

CO-FOUNDER & CTO | GAME PROGRAMMER
Level Plus Game Studio SAS | Cali, Colombia | Full-Time | Jan 2012 - 2017

» Involved in every technical aspect of the games created by the company.
» Brainstorming new game ideas for the company with the executives.
» Help the team focus on the studio strategies and objectives.
» Train any hired employee with the tools used by our company.
» Game programming using Unity3D / C#, Unreal Engine 4 / C++.
» Projects:
    • Plushy Warfare - 2012: iPhone/iPad
    • Nova Havock – 2012: iPad only
    • Blast Or Die (B.O.D) – 2013: PC/Browser
    • 7DFPS jam
    • Kitten Fall – 2014: Android

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EXPERIENCE

STARTUP CO-FOUNDER | FULL-STACK DEVELOPER
Rockin'Hub | Cali, Colombia | May 2016 - Jul 2017
- » Involved in every technical aspect of application & corporate operations.
- » Full web & mobile app development with AngularJS.
- » Back-end API Development with the Symfony framework (PHP).

WEB DEVELOPER
Mozato | Irving (Texas) | Freelance | Dec 2015 - Jan 2016
- » Front-end development for CaseEdge Knowledge Base.
- » Front-end development for FSX DC - Microsite.
- » Front-end development for FSX DE - Microsite.
- » Front-end development for FSX IL - Microsite.
- » Front-end development for FSX SF - Microsite.
- » Front-end development for CaseFileTexas - Microsite.

GAME DEVELOPER
Universidad San Buenaventura | Cali (Colombia) Freelance | Aug 2015 - Nov 2015
- » Develop the game "Visor", a game to study deaf children's motor skills. Developed using Unity3D creating an expandable framework for the university to easily create other game modes in the future that allows keep collecting data.
- » System for collecting data in game and send it to a main server for further studies.

WEBSITES TECHNICAL SUPPORT
Illustrato LTDA | Cali, Colombia | Freelance | Sep 2014 - Feb 2015
- » Provide technical support for bug fixes and maintenance to the "Gases de Occidente"'s websites.

WORDPRESS DEVELOPMENT TRAINER
CIAT | Cali, Colombia | Freelance | Jun 2014 - Jul 2014
- » 13 hours of lecture about WordPress development, training the employees in order to improve their corporate websites.

WEB DEVELOPER
Illustrato LTDA | Cali, Colombia | Freelance | Sep 2013 - Feb 2014
- » Backend development for the website, content manager and mobile web services for the food delivery service, orders management and whole website tuordenexpress.com using WordPress.

WEB DEVELOPER
AKL International S.A.S | Cali, Colombia | Freelance | May 2013 - June 2013
- » Full website development for aklint.com using WordPress as the content management system.

MOBILE APP DEVELOPER
Illustrato LTDA | Cali, Colombia | Freelance | Oct 2012 - Nov 2012
- » Develop a mobile app for the company PROING S.A which allows the employees to manage all the technical transactions when visiting clients and synchronizing all the data with the main server.

CO-FUNDER, CIO, BACKEND DEVELOPER
Complexity Group S.A.S | Cali, Colombia) Full-time | Jan 2011 - Dec 2011
- » Backend developer for the multiple websites and applications of the company's clients.

UNREALSCRIPT (UDK) LECTURER
University ICESI | Cali, Colombia | Freelance | Jan 2011 - Feb 2011
- » 4 weeks lecture about game development in UDK and UnrealScript programming for the Computers Engineer and Interactive Media.

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LANGUAGE SKILLS

Born in South America. Learned english in college and travelling.

SPANISH
100%

ENGLISH
90%

EDUCATION

SYSTEM TECHNOLOGIST ASSOCIATES
F C E C E P | N o v 2 0 0 7 - N o v 2 0 1 0

2nd year project (Realtime light switch manager for a scaled house model): Project leader and programmer for the software that communicates with the lights circuit.
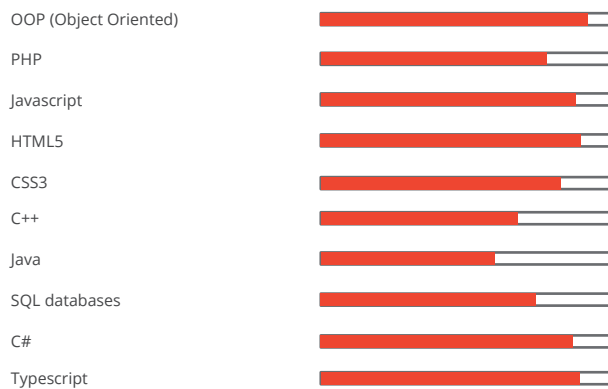
Last year project: "Development and implementation of a medieval combat online video game demo". Implementation of PHP as a server for communication between UDK (Unreal Engine 3) and the database. Graduation honor mention to Last year's project.

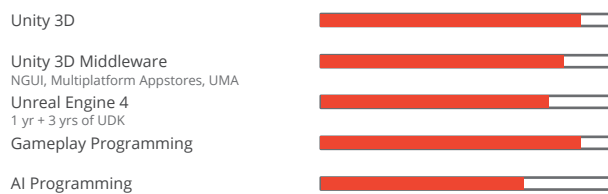### SOFTWARE ANALYST AND PROGRAMMING TECHNICIAN DEGREE
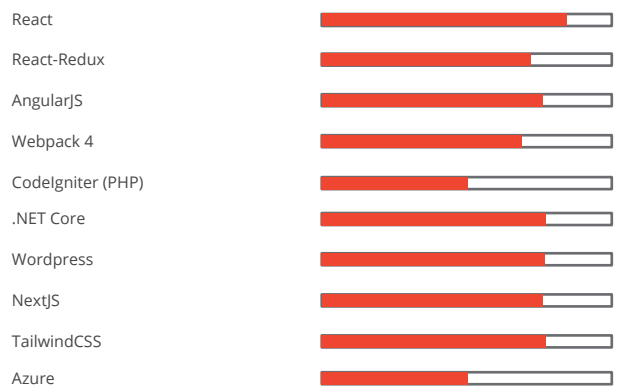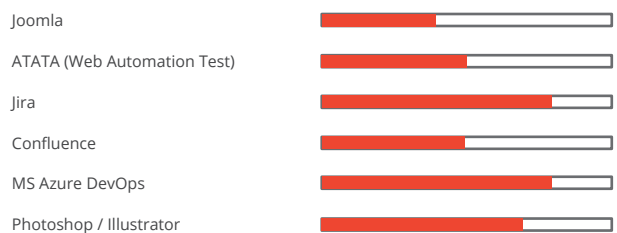Alexander Von Humboldt Institute – 2005 to November 2007

SKILLS

PROGRAMMING

Skill	
OOP (Object Oriented)	
PHP	
Javascript	
HTML5	
CSS3	
C++	
Java	
SQL databases	
C#	
Typescript	

WEB DEVELOPMENT

Skill	
React	
React-Redux	
AngularJS	
Webpack 4	
CodeIgniter (PHP)	
.NET Core	
Wordpress	
NextJS	
TailwindCSS	
Azure	

VIDEO GAME DEVELOPMENT

Skill	
Unity 3D	
Unity 3D Middleware NGUI, Multiplatform Appstores, UMA	
Unreal Engine 4 1 yr + 3 yrs of UDK	
Gameplay Programming	
AI Programming	

OTHERS

Skill	
Joomla	
ATATA (Web Automation Test)	
Jira	
Confluence	
MS Azure DevOps	
Photoshop / Illustrator	

REFERENCES

U p o n r e q u e s t