

Gonzalo Suárez

SOFTWARE DEVELOPER · AWS, AZURE, C#, JAVASCRIPT, SQL · UNITY CERTIFIED PROFESSIONAL

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“Placed in between organisations and technology, I am committed and enthusiastic in what I do. Driven by great challenges and learning opportunities, I look forward to combining technical knowledge with interpersonal skills.”

Summary

Software Developer with a unique blend of expertise in psychology and computer science. I combine a deep understanding of user behaviour and interaction alongside strong technical skills in Python, C#, and JavaScript to create intuitive and reliable applications. Proficient in full-stack development, immersive virtual and mixed reality (VR/MR) experiences, UX design, and cloud technologies, I drive innovation by seamlessly integrating the human and technical aspects of the software development life cycle within Agile teams. Committed to problem-solving and continuous learning, I strive to deliver user-centric solutions that meet and exceed expectations.

Work Experience

SkillsVR

Christchurch, New Zealand

SOFTWARE DEVELOPER

Jun. 2025 - Present

- Developing high-performance, interactive applications for VR platforms
- Creating reusable and optimised systems following SOLID principles and OOP best practices
- Implementing physics-based mechanics, interaction systems, and dynamic UI/UX components
- Debugging and fine-tuning features to ensure smooth performance on standalone devices
- Collaborating with version control (Git) and contributing to team-based development workflows
- Supporting VR-first level design and building internal tools to streamline production

Vitatróns / Freelancer

Christchurch, New Zealand

SOFTWARE DEVELOPER

Aug. 2020 - Jun. 2025

- Developed full-stack applications using Python, C#, and Java, leveraging modern web frameworks and libraries
- Implemented CI/CD pipelines with AWS and Azure services to improve automation, scalability, and deployment reliability
- Designed robust, maintainable codebases with a focus on high performance and clean architecture
- Built RESTful APIs integrating SQL and NoSQL databases to enable scalable, modular systems
- Applied automated testing frameworks (JUnit, JUnit, pytest) and profiling tools to diagnose and resolve performance bottlenecks
- Collaborated in Agile teams to deliver iterative solutions, meet milestones, and adapt to evolving requirements
- Developed VR/MR simulations for training, evaluation, and prototyping as cost-effective, safe alternatives to physical testing
- Optimised Android applications through iterative testing and user feedback, enhancing performance and overall experience

Hellers Ltd.

Christchurch, New Zealand

TRAINING AND DEVELOPMENT PROFESSIONAL

Jul. 2016 - Apr. 2020

- Led the full development lifecycle of interactive e-learning solutions, ensuring alignment with stakeholder expectations
- Implemented DevOps best practices, architectural patterns, and design principles to improve product efficiency and scalability
- Collaborated with cross-functional teams to integrate content into web applications using HTML5, CSS3 and JavaScript
- Developed immersive proof-of-concept simulations in Unity3D and C# to enhance user interaction and engagement
- Integrated JavaScript RESTful APIs to extend e-learning functionality and enable data exchange with on-premises servers
- Performed system maintenance and optimisations, ensuring seamless integration with internal and external platforms

Entel S.A.

Santiago, Chile

LEARNING EXPERIENCE DESIGNER

Dec. 2013 - May. 2014

- Customised e-learning modules using JavaScript to enhance interactivity and improve user engagement
- Implemented xAPI protocols to facilitate data exchange between e-learning modules and Learning Management Systems (LMS)
- Managed LMS databases with SQL for efficient data storage, retrieval, and integrity to support accurate tracking and reporting

HR Consultant Chile Group Companies

Santiago, Chile

DIGITAL DEVELOPER

Jan. 2013 - Dec. 2013

- Enhanced user experience (UX) by creating intuitive interfaces and consistent design patterns with Bootstrap
- Developed online learning experiences, aligning content with learning objectives through user-centred design principles
- Boosted staff productivity by designing interactive role-playing dynamics and gamified digital learning scenarios
- Conducted usability testing, refining designs based on user feedback to ensure optimal user experience and functionality

Education

University of Canterbury

MASTER'S DEGREE IN HUMAN INTERFACE TECHNOLOGY

- Final project: "Evaluating Virtual Human Role-Players for the Practice and Development of Leadership Skills"

Christchurch, New Zealand

Feb. 2019 - Mar. 2020

Universidad del Pacifico

BACHELOR'S DEGREE IN PSYCHOLOGY

- Final project: "A Journey of Change and Transformation in Humanistic-Transpersonal Psychotherapy in a Patient Diagnosed with Panic Attacks"

Santiago, Chile

Feb. 2007 - Feb. 2012

Courses & Certifications

2025	GitHub Foundations , GitHub	Christchurch, NZ
2025	CS50's Introduction to Databases with SQL , HarvardX	Christchurch, NZ
2024	Microsoft Certified Azure Fundamentals , Microsoft	Christchurch, NZ
2024	CS50's Web Programming with Python and JavaScript , HarvardX	Christchurch, NZ
2024	AWS Certified Cloud Practitioner , Amazon Web Services	Christchurch, NZ
2023	CS50's Introduction to Computer Science , HarvardX	Christchurch, NZ
2021	Unity Certified Professional: Programmer , Unity Technologies	Christchurch, NZ
2021	Unity Certified Professional: Artist , Unity Technologies	Christchurch, NZ
2018	The Situational Leadership®II Experience™ , Blanchard New Zealand	Christchurch, NZ
2017	NZQA National Certificate in Occupational Health and Safety Level 3 , Competenz	Christchurch, NZ
2017	International English Language Testing System (IELTS) , Ara Centre	Christchurch, NZ
2017	Training Operators and Instructors of Powered Industrial Lift Trucks , Crown	Christchurch, NZ
2016	First Move, competent enforcer to prevent injuries at work , Provention	Auckland, NZ
2016	Articulate Storyline 2 Virtual Training Expert Level , B Online Learning	Christchurch, NZ
2013	Strategic Analysis of Text and Signature , INGPEC	Santiago, CL
2012	Codification and Interpretation of Lüscher and Zulliger (Psychometric Tests) , SELCAP	Santiago, CL

Skills

Programming	C#, Python, Java, JavaScript, TypeScript
Back-end	.NET, Spring Boot, Flask, Django, REST API, PostgreSQL, MySQL
Front-end	React, Bootstrap, HTML, CSS
DevOps	AWS (EC2, CloudFront, CodePipeline, S3), Azure (VMs, App Service, Blob Storage), Docker, Git, GitHub Actions, CI/CD, Jira
Tools	Unity3D, Adobe Creative Cloud, Autodesk Maya, Blender, Articulate 360
Devices	HTC Vive, Meta Quest, Microsoft HoloLens, Stereo Camera, 360-Degree Camera
Interpersonal	Communication, Creative Thinking, Leadership, Problem-Solving, Teamwork, Continuous Learning
Languages	English (Fluent), Spanish (Native)

Publications

- Suárez, G., Jung, S., and Lindeman, R. W. (2021). Evaluating virtual human role-players for the practice and development of leadership skills. *Frontiers in Virtual Reality* 2, 31. doi:10.3389/frvir.2021.658561.

Additional Information

Portfolio	Available on www.gosuarez.com
References	Available upon request
Travelling	Holder of New Zealand and Chilean passports