

# Jose Gonzalez-Garduno

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## PROFESSIONAL SUMMARY

Senior Software Engineer with 8+ years of experience designing scalable APIs, cloud-native applications, and secure databases. Skilled in AWS, React, and PostgreSQL. Recognized for leading cross-functional teams, mentoring developers, and driving measurable performance improvements.

## TECHNICAL SKILLS

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**Languages:** Java, Python, JavaScript, C++, C#

**Frameworks & Libraries:** React, AngularJS, Node.js, Bootstrap, Selenium, Protractor, jQuery

**Databases:** PostgreSQL, MySQL

**Tools & Platforms:** Git, Docker, Heroku, AWS, Bash

## EXPERIENCE

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**Encore Capital Group, Senior Software Engineer - Phoenix, AZ**

June 2017 - Present

- Designed RESTful APIs for a business-critical web-based application, enhancing data accessibility and user experience, resulting in a 20% reduction in API response time, measured through performance metrics.
- Identified and addressed product/functionality gaps through effective collaboration with internal teams, defining necessary developments to support solution delivery, resulting in enhanced product performance and user satisfaction.
- Resolved complex technical issues by conducting in-depth debugging and research, reducing critical system downtimes by 15% as measured by system uptime reports.
- Successfully contributed to developing and maintaining responsive CSS frameworks such as Bootstrap, enhancing the web application's user interface, as measured by a 25% increase in user engagement based on usability testing.
- Ensured the integrity of multiple company databases by establishing efficient backup and recovery processes, enabling data restoration within one hour in case of failures by doing regular automated backups and testing recovery procedures.
- Accomplished enforcement of security protocols as measured by passing all internal audits with no findings by proactively identifying potential vulnerabilities and applying industry best practices in security measures.

**Coding With Kids, Coding Instructor - Phoenix, AZ**

January 2024 - July 2025

- Deliver lessons in Scratch, Python, and JavaScript, guiding students' skills from beginner to advanced levels.
- Led project-based learning sessions, helping students build applications and games.
- Fostered a supportive environment to enhance problem-solving and computational thinking skills.
- Monitored progress and provided detailed feedback to strengthen their coding proficiency.

**ASU Lincoln Center for Applied Ethics, Student Researcher - Tempe, AZ**

August 2022 - January 2023

- Conducted comprehensive research on "Analyzing the Impact of AI Applications on K-12 Education," focusing on algorithmic bias, racism, and privacy concerns.
- Recognized for this work in *ASU Thrive Magazine* and *ASU News*, with two publications highlighting my contributions to AI ethics and education.

## EDUCATION

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**Arizona State University, Bachelor of Science degree in Computer Science - Tempe, AZ**

May 2025

**Estrella Mountain Community College, Associate in Science - Avondale, AZ**

December 2022

**Western Maricopa Education Center, Certification in Web Development - Glendale, AZ**

May 2017

## CERTIFICATIONS

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- Certified Pega System Architect '24.2
- AWS Certified Cloud Practitioner (CLF-C02)
- Internet Web (CIW) JavaScript Certification
- Arizona Technical Skill Standards Certification