**Manuel Alejandro Garcia Andrade**Cloud Support Engineer I - Developer and Mobile Services  
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**ABOUT ME**

Engineer and programmer with 3 years of web development experience using full stack technologies like Node.js/Express and Laravel. Proficient in front-end: HTML, CSS, JavaScript and back-end: MySQL, Sequelize, Eloquent. As a Full Stack Programming Instructor, I have guided over 200 students to secure full-time jobs, utilizing SCRUM methodology and Git. Ranked in the top 5% of best-rated professors for 1.5 years, ensuring high-quality support and customer satisfaction.

**PROFESSIONAL EXPERIENCE**

**University Professor (Full Stack Instructor)**Tecmilenio University  
2023 – Present

* Taught full stack programming in a Node.js and Express as well as PHP and Laravel environment, with 96% of graduates securing full-time jobs. The use of ORMs maximized database management efficiency.
* Applied Scrum methodology to 200 students, implementing Git and GitHub, reducing incidence rates by 20%. This approach improved project management and collaboration.
* Delivered the first Front-end design certificate using Figma, certifying 60 students, increasing their academic certification load. This enhanced their skills in modern design tools.
* Achieved a student feedback rating above 95%, raising the institution's teaching quality average from 92% to 95% in 6 months. Reflecting high student satisfaction and effective communication strategies.

**Tech Stack**

* Node.js (v22.3)
* JavaScript (ECMAScript 2024)
* Express (v4.19)
* HTML5
* CSS3
* MySQL (v8.0)
* PHP (v8.2)
* Laravel (v11.0)
* Figma
* Vue.js (v3.2)
* VS Code (v1.70)
* Git (v2.40)
* GitHub
* Photoshop (2024)

**PERSONAL PROJECTS**

**E-commerce Platform****:** Developed a full-featured e-commerce platform using Node.js, Express, MySQL, and APIs. Leveraged the MVC architecture to organize code efficiently, contributing to faster load times and a better user experience.

**Student Management System:** Created a robust student management system using Laravel, enabling efficient tracking of student performance and course management.

**EDUCATION**

**Ph.D. in Communications and Electronics**  
National Polytechnic Institute  
2024

**COURSES**

**IBM Data Science Professional Certificate**  
IBM – Coursera  
2024 – Present

**Algorithms and Data Structures**  
Jose Javier Villena - UDEMY  
2024

**Figma Essential and Advanced**  
Linkedin Learning  
2024

**Full Stack Web Programming**  
Digital House  
2023