

David Palmares / Software Engineer

New Braunfels, Texas, United States

davidpalmares22@gmail.com

(830) 302-8603

[linkedin.com/in/david-palmares-villarreal](https://www.linkedin.com/in/david-palmares-villarreal)

Summary

Results-driven and innovative Software Engineer with a proven track record at General Motors, where I spearheaded full lifecycle application development, seamlessly integrating software with existing systems.

Proficient in multiple programming languages, I significantly contributed to the successful delivery of critical projects, showcasing a commitment to industry standards and best practices.

Adept at conducting meticulous software testing and quality assurance, I automated testing processes to enhance reliability. I bring hands-on experience in maintaining and debugging live software applications, collaborating closely with senior developers and mentoring junior team members.

Concurrently pursuing a Bachelor's degree in Software Engineering underscores my dedication to continuous learning and excellence.

Experience



Software Engineer

General Motors

Jan 2015 - Present (8 years 11 months)

Led Development Excellence:

Spearheaded full lifecycle application development, adhering to industry-standard design patterns and frameworks.

Contributed significantly to the successful delivery of critical projects, showcasing proficiency in multiple programming languages.

Seamless Integration:

Seamlessly integrated software with existing systems, ensuring optimal functionality and compatibility.

Conducted rigorous

software testing and quality assurance, implementing automated testing processes for enhanced reliability. Integrated

software seamlessly with existing systems, ensuring optimal functionality.

Maintenance and Debugging Mastery:

Maintained and debugged live software applications, collaborating closely with senior developers and data scientists.

Automated testing processes by developing precise unit test scripts, ensuring code alignment with design patterns.

Developed software for desktop and mobile operating systems.

Cross-Functional Collaboration:

Collaborated with cross-functional teams to gather requirements and align software development with organizational goals.

Facilitated effective communication between development, testing, and operations teams for seamless project execution.

Technological Adaptation:

Stayed abreast of emerging technologies, incorporating relevant tools and methodologies into development processes.

Successfully implemented [specific technology or methodology], enhancing team efficiency and project outcomes.

Mentorship and Collaboration:

Mentored junior developers, ensuring their adherence to industry standards and best practices.

Collaborated with cross-functional teams to deliver projects in alignment with appropriate methodologies.

Education

Northeast Autonomous University

Bachelor's Degree, Computer Software Engineering

2010 - 2014

Licenses & Certifications


 **Google IT Support Specialization** - Google
J3QZF6TQEWAH

 **Meta Front-End Development** - Meta
4JD3PFL9ETUG

Skills

HTML5 • Cascading Style Sheets (CSS) • JavaScript • React.js • React Native • User Experience (UX) • UI Automation • Large Language Models (LLM) • Microsoft SQL Server • Software as a Service (SaaS)

Honors & Awards

 **Project Motors Diagnostic** - General Motors
General Motors
08/2021
Revolutionizing Vehicle Diagnostics:

Spearheaded the development and implementation of an advanced vehicle diagnostics system, optimizing realtime monitoring and analysis of critical vehicle components.
Engineered an innovative algorithm that resulted in a 30% improvement in early detection of potential issues,
significantly reducing maintenance costs and downtime for the entire fleet.
Received accolades from the Quality Assurance team for elevating the reliability of vehicle diagnostics, contributing to General Motors' commitment to delivering cutting-edge automotive technology.