

See Pdrer

Garland TX

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Summary

Junior QA / Automation Engineer with a software development background. Hands-on experience designing and executing manual and automated test cases, API validation, and front-end debugging. Skilled in Playwright, PyTest, Postman, and JavaScript/TypeScript frameworks. Strong collaborator in Agile teams with experience using JIRA for ticket triage and defect tracking.

Education

University of Texas at Dallas

Aug 2022 - Dec 2025

BS, Computer Science

Richardson TX

- **Coursework:** Operating Systems, Data Structures and Algorithm Analysis, Computer Networks, Software Engineering, Database Systems, Advanced Data Structure and Algorithm

Technical Skills

- **Testing QA:** Playwright, PyTest, Postman, Selenium, JIRA(ticket triage), JUnit, JMeter, Manual Testing, API Testing, End-to-End & Regression Testing, Cross-Browser Testing
- **Languages:** JavaScript, TypeScript, Java, Python, C++, HTML/CSS
- **Frameworks and Libraries:** React, React Native, Node.js, Express, Next.js, Tailwind CSS, LangChain, OpenAI API, VSCode Extension Development
- **Practices:** Agile/Scrum, SDLC, BRD/TRD documentation, System and Architecture Design, UX/UI Design

Work Experiences

Agility Holding Groups - 834 Lab | *Application Developer Intern*

Jun 2025 - Aug 2025

- Acted as Frontend Lead and QA point-of-contact; designed and executed ~100+ test scenarios for new **UI features** and **APIs** for intern group project.
- Verified bug fixes across browsers and documented outcomes in **JIRA**; triaged incoming tickets to ensure timely resolution
- Built a custom Node.js CLI tool for AWS ECS debugging and container access, reducing troubleshooting time by ~40%.
- Implemented secure login with AWS SSO and credential verification, improving authentication reliability.
- Designed and implemented wireframes and workflows for full-stack features with **BRD/TRD/SDLC** documentation, streamlining team communication and project planning.

Plano Independent School District | *Avid Tutor*

Dec 2024 - Jun 2025

- Mentored students in problem-solving strategies, fostering independent learning through analytical thinking and structured methodologies.
- Broke down complex technical concepts into clear, digestible explanations, helping students build understanding

BB.Q Chicken | *Server*

Sep 2025 - Present

- Built rapport with a diverse range of customers through clear, attentive communication, ensuring a positive experience from start to finish
- Delivered consistent, high-quality service to customers in a fast paced, high-volume environment, managing multiple tables and competing priorities while under pressure

Projects

Automation Exercise QA Project

Apr 2025 - Jun 2025

- Designed and executed **26 manual functional UI test cases** (registration, login, checkout, cart, etc.) on a sample e-commerce site.
- Performed **14 REST API tests** using Postman (auth, products, orders) to validate key endpoints.
- Automated key scenarios using **Playwright + TypeScript**, reducing manual verification effort.
- Documented test plans, steps, expected results, and defects to simulate real QA processes.

Rainbow Teashop – Mobile Ordering Application (Internship Project)

Jul 2025 - Aug 2025

- Served as Frontend Lead while implementing test strategies for a React Native + Node.js application enabling real-time ordering and payment.
- Integrated Stripe API for secure payments and implemented **front-end testing and debugging workflows** to ensure application stability before production release.

AI-Based Unit Test Generator – Capstone (Texas Instruments)

Aug 2025 - Dec 2025

- Led development of an **AI-based tool to auto-generate unit tests** for JS/Python/C++ code using LangChain + OpenAI APIs.
- Designed prompt engineering and validation loops to improve test relevance and coverage by ~50%.
- Worked with Texas Instruments stakeholders to align generated tests with internal requirements and software test methodologies.
- Demonstrated potential to reduce manual unit test creation time by ~80%

Achievements

- 3rd Place – Atlas Crypto Anomaly Detection UTD Fintech
- Finalist – IBM Case Competition