




See PDrer (US Citizen)

Garland TX

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 <https://seepdrer.com/>

Summary

I'm an aspiring Automation Test Engineer with hands-on experience in test case design and regression testing. I have a solid foundation in Java and Python and enjoy problem-solving through technical challenges. My background in tutoring and maintenance has helped me develop strong analytical and troubleshooting skills. I've worked with automation tools and performance testing to improve system efficiency and reliability. I'm always eager to learn and grow, and I'm excited about the opportunity to contribute to creating better, more reliable software.

Education

University of Texas at Dallas

Aug 2022 - Dec 2025

BS, Computer Science

Richardson

- **Coursework:** CS4348 Operating Systems, CS3345 Data Structures and Algorithm Analysis, CS4390 Computer Network, CS3354 Software Engineering, CS4347 Database Systems, CS 3377 - Systems Programming in UNIX

Work Experiences

Plano Independent School District

Dec 2024 - Present

Avid Tutor

Plano, Texas

- Encouraged students to take responsibility for their learning, fostering independence and critical thinking skills
- Contributed to the growth of the AVID College & Career Readiness System by participating in development and training sessions

Flagship Facility

Jul 2022 - Jul 2024

Floor Tech

Dallas, Texas

- Operated and maintained floor care equipment, ensuring efficiency and adherence to quality standards, showcasing problem-solving and technical proficiency.
- Collaborated with teams to meet operational goals, emphasizing teamwork and communication skills.
- Followed safety and environmental protocols, highlighting attention to detail and compliance with standards.

Projects

TaskMatch

TaskMatch is a web application that connects customers with contractors for task management.

- Designed and implemented API endpoint tests using Postman to verify request/response.
- Conducted manual UI/UX testing, identifying and documenting 30+ UI issues and performance bugs.
- Developed database validation tests to ensure PostgreSQL data consistency and integrity.
- Created and executed functional and regression test plans for user authentication, task assignment, and contractor profiles.

B-Tree Index File Management Program

A Java-based program that efficiently manages index files using B-tree structures.

- Developed and executed unit tests using JUnit to validate B-tree insertions and searches.
- Debugged file I/O operations for correctness and optimized performance.
- Designed boundary and edge case test cases to ensure data integrity.
- Performed performance benchmarking to identify potential efficiency improvements.

Snap AI

An AI App that helps identify user wounds using AI and give medically AI generated instructions to treat and identify the wound

- Performed UI/UX testing to detect and document usability issues, improving system performance.
- Developed test cases for chatbot interactions, verifying response accuracy and error handling.
- Designed and executed API tests using Postman to validate request/response accuracy and ensure system reliability.
- Conducted end-to-end testing of image processing workflows, identifying and resolving functional defects.

Skills

- **Technologies:** Node.JS, HTML, Git, AWS, MySQL, Django, Postman, JUnit, PyTest, JMeter
- **Software Testing:** Performance Testing, Scalability Testing, QA Testing, Unit Testing (JUnit, PyTest), Functional Testing, Regression Testing, Test Case Design
- **Programming Languages:** Java, Python, C#, C++, HTML, JavaScript