

# DANAYA "PIE" CHUSUWAN

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## WORK EXPERIENCES

**Senior Software System Test Engineer** | *Accenture Federal Services* | 2025 – Present

- Developed and executed detailed manual test scripts for PeopleSoft applications using SQL queries and acceptance criteria, ensuring complete test coverage and data-driven validation.
- Collaborated with developers and testers during the SDLC to resolve defects, assist with testing tickets, and ensure timely sprint delivery in Agile environments.
- Conducted test and peer reviews with developers and product owners to clarify requirements, address defects, and suggest application and process improvements.
- Created and maintained test scenarios aligned with acceptance criteria and project requirements.

**Software Automation Engineer** | *Infosys Limited* | 2022 – 2023

- Developed and maintained automated test scripts using Selenium, JUnit 5, and Python, for regression, integration, and user acceptance (UAT) testing, ensuring software quality and user experience.
- Enhanced performance of a Java-based REST API test framework, optimizing redundant API calls and improving performance by 20%.
- Identified, tracked, and wrote reports on defects and bugs using Jira while collaborating with developers to resolve issues and verify fixes.
- Worked with cross-functional Agile teams to design and execute test plans and procedures, supporting continuous integration and continuous delivery (CI/CD) workflows.

**Java Full-Stack Automation Engineer** | *Revature* | 2021 – 2022

- Built full-stack applications with Java, Spring Boot, PostgreSQL, and Amazon Web Services (AWS), utilizing Jenkins, Git, and Jira for CI/CD workflow and Agile-based development and issue tracking.
  - Applied object-oriented programming (OOP) and Java frameworks (Spring, Java Database Connectivity [JDBC], and Hibernate) to create scalable and maintainable backend applications.
  - Developed interactive UIs with JavaScript, HTML, CSS, TypeScript, and Angular for seamless functionality and enhanced user experience.
  - Designed and executed test plans for functional, end-to-end (E2E), regression, and integration testing using Selenium, Cucumber, JUnit 5, and Mockito ensuring application quality and reliability.
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## PROFESSIONAL & PERSONAL PROJECTS

**Fortune Hangman** | *Personal* | [github.com/DanayaPie/FortuneHangman](https://github.com/DanayaPie/FortuneHangman) | 2023

- Designed effective data models, test plans, and automation scripts for the Fortune Hangman game, a multiplayer dynamic word-guessing game with scoring.
  - Developed a RESTful API using Java, Spring Boot, and Hibernate, achieving 98% code coverage with unit and integration tests using JUnit 5, Mockito, and H2 test environment.
  - Engineered a Java-based command-line (CLI) game using Jackson, Apache, and Maven, featuring random word selection, score tracking, and winner calculation.
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## SKILLS & TECHNOLOGIES

**Programming Languages:** Java (OOP), Python, JavaScript, SQL, HTML, CSS, TypeScript  
**Testing & Automation:** Selenium, JUnit 5, Cucumber, Mockito, Postman, Testing Principles (Regression, Integration, UAT, Exploratory), Test Plan Creation  
**Frameworks & Libraries:** Spring Boot (IoC), Hibernate (ORM), Apache, JDBC, Jackson  
**DevOps & Tools:** Git, Jira, Jenkins, Maven, DBeaver, Lucidchart, Draw.io  
**Data & Cloud:** REST, RDBMS (PostgreSQL, H2), MongoDB, AWS

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## EDUCATION

**B.S. in Forensic Science** | *George Mason University* | GPA: 3.91/4.00 (Summa Cum Laude and Dean's List)