

Jaxen Sandland (he/him)

Software Engineer

jsandland@student.neumont.edu | jaxensandland.dev

Skills

Technologies / Languages: Java, Python, Javascript, Typescript, C#, C++, PHP, Laravel, React, Springboot, .NET, SQL, Redis, MongoDB, Playwright, JUnit, TestNG

Technical: API Integration, Automation, Object Oriented Programming, Data Analysis, Time Management, Team leadership, Project Management, Problem Solving, Quality Assurance

Experience

E-commerce & Process Software Automation Engineer - Pax Distribution *Jul 2024 - Present*

- Created *Postmaster*, a Python tool that automates Amazon Post generation using GPT and Amazon APIs and is now used internally to streamline ad content creation and scheduling.
- Lead optimization of Amazon listings using SEO, keyword analysis, and competitor benchmarking to boost product discoverability.
- Manage listing updates for clients, including A+ content, supporting images, and Amazon Posts.

Software Developer in Test - Fullbay *Jul 2025 - Sep 2025*

- Build and maintain Playwright UI/API tests in Java to support site-wide regression coverage.
- Participate in daily standups and use Jira to implement various test cases alongside other QA interns.

Projects

Soundweb - Real-Time Artist Discovery Platform *Mar 2025 - Jun 2025*

Neumont College of Computer Science | <https://soundweb.app>

- Developed a full-stack music discovery tool using React and JavaScript to visualize artist relationships on an interactive graph with a heavy focus on a high quality user experience.
- Integrated multiple APIs to fetch real-time data on artist popularity, genres, and listener data.
- Built backend services with Neo4j, Redis, and MySQL, including intelligent caching and data syncing.

Postmaster - AI-Powered Amazon Advertising Automation Tool *Sep 2024 - Dec 2024*

Pax Distribution

- Created a Python-based internal tool to automate the generation of Amazon Posts using product images and AI-generated captions.
- Integrated GPT API and Amazon SP-API to support full post automation, saving dozens of hours of manual work for each product

Education

October 2023 - Present

Neumont College of Computer Science, Bachelor of Science in Software Engineering

Presidential List: October 2023 - Present

4.0 GPA