Jayson Murphy

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SUMMARY

Adaptable software developer with nearly two years of hands-on experience. Passionate and driven to learn by doing, with a strong desire to contribute to real-world efforts. Current seeking a role in a growth-focused environment where continuous improvement and development are core values.

EXPERIENCE

Software Developer (Contracted through Hopeworks)   Oct 2024 – April 2025
Holman   *Remote*
- Strengthened application security by implementing secure token handling and session management in Zustand.
- Developed and maintained scalable web applications for fleet management, improving asset tracking and utilization by 20%.
- Refactored legacy codebases using modern design patterns, significantly reducing technical debt and enhancing long-term maintainability.
- Unified multiple projects into a Nx monorepo, reducing build times by approximately 30% while streamlining development and deployment processes.

Technical Support Specialist (Contracted through Hopeworks)   Feb 2024 – Aug 2024
Akamai   *Remote*
- Resolved complex customer issues across Linux, networking, and virtualization environments, ensuring fast and reliable support.
- Wrote internal tool enhancements and bug fixes in Python and JavaScript, reducing average ticket resolution time by approximately 15%.

Data Privacy & Quality Assurance Specialist (Contracted through Hopeworks)   Oct 2023 – Feb 2024
Subaru   *Camden, NJ*
- Led compliance ticket resolution under evolving privacy regulations, aligning Subaru's digital platforms with new standards.
- Performed continuous unit testing on the Impact Tool, improving reliability and minimizing software defects.

Web Developer   Aug 2023 – Feb 2024
Hopeworks   *Camden, NJ*
- Designed and delivered custom websites using OOP principles, tailored to meet external client needs.
- Worked in Agile teams to create dynamic, multi-page websites with effective use of WordPress and Elementor.

PROJECTS

SIEM Simulation Pipeline | *Python, Docker, Kafka, Fluent Bit, Splunk*   **July 2025**
- Built an end-to-end log pipeline to simulate realistic security event flows using Kafka, Fluent Bit, and Splunk.
- Resolved service race conditions and streamlined orchestration, reducing setup troubleshooting time by over 60%.
- Containerized and orchestrated all components (log generator, Kafka broker, consumer, Splunk) using Docker Compose.

Sentence Toxicity Classifier | *Python, Keras, Tensorflow, Scikit-learn, NLTK*   **Sep 2023**
- Built a toxicity classifier using Naive Bayes and LSTM RNN to assess text toxicity severity with high accuracy.
- Managed the full ML pipeline—data preprocessing, model training, evaluation—using Python, scikit-learn, TensorFlow, and NLTK.
- Optimized dataset size by 50%, boosting production speed without sacrificing model performance.

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, C#, Java, SQL, HTML/CSS
Frameworks/Libraries: React, .NET, PostgreSQL, APIs, Zustand, MSW, NLTK, React Native, Axios, Jest, Vitest
Developer Tools: Docker, Docker Compose, Fluent Bit, Splunk, Azure, Git, GitHub, Kafka, Zookeeper, Linux, Asana
Development Areas: RESTful APIs, Monorepos (Nx), Unit Testing, Deployment Pipelines, Component Design
Soft Skills: Agile Development, Communication, Project Management, Troubleshooting, Adaptability, Collaboration

EDUCATION

Rutgers University   Camden, NJ
Bachelors   *Estimated 2027*
Camden County College   Blackwood, NJ
Associates in Computer Science   *May 2023*