


TODD M. STALLWORTH

CONTACT

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 [Email](#)

 Seattle, Wa

 [LinkedIn](#)

 [Portfolio](#)

SKILLS

Python - Django, Flask,
Pandas, NumPy, Pytest,
Selenium

JavaScript - Express.js,
Angular.js, Node.js, Vue.js,
NPM

Java - JavaRX, Gradle

AWS - EC2, S3, DataSync,
Cloud Storage, Cloud
Formations

Database - SQL,
MongoDB,
PostgreSQL,
SqlAlchemy

Nginx & uWSGI Server

LXD & Docker

Computer Architecture,
Data Structures &
Algorithms

EDUCATION

CERTIFICATION

Algorithms, Data
Structures, System Design
AlgoExpert.io
March 2023

CERTIFICATION

Full Stack Developer
Coding Dojo
2018-2019

ASSOCIATES

General Studies
Big Bend Community
College
2010-2012

EXPERIENCE

SDE | Amazon Web Services | Seattle, WA | October 2024 - Current

Developer on Transcribe Streaming; Focused on transcription identification and redaction.

- Spearheaded development of custom allowlist feature for Transcribe Streaming service.
- Managed and optimized CI/CD pipelines achieving 99.9% deployment success rate with automated testing and validation processes.
- Served as onboarding buddy for new team members, creating comprehensive documentation and providing mentorship that reduced ramp-up time.
- Developed and implemented transcription identification and redaction features processing over 100,000 hours of audio content monthly.
- Resolved 50+ high-priority tickets during on-call rotations with average response time of <15 minutes, maintaining 99.99% service uptime.
- Led cross-functional collaboration with 3 teams to design and implement new features, resulting in successful quarterly deliverables with zero missed deadlines.

Software Developer | Outlier.ai | Remote | May 2024 - October 2024

Developer on the Flamingo Team; SQL Pipeline Specialist focusing on multi-turn deviations in SQL, prompt writing and query testing.

- Thoroughly tested and/or created SQL queries to ensure accuracy, reliability and adherence to requirements.
- Created and maintained comprehensive documentation for SQL pipelines, queries and processes achieving no negative feedback from the Quality Assurance (QA) team.

Software Developer | Parthenon Software | Vancouver, WA | February 2024 - May 2024

Developer on the Lifebalance Team; I enhanced front-end and back-end systems, leading to improved performance and reduced costs. Developed custom solutions and automated deployments, increasing user engagement and operational efficiency.

- Improved database call efficiency by 25% by implementing SQLAlchemy ORM and optimized data retrieval and storage processes with Elasticsearch.
- Scraped data from clients using Selenium, formatted it with BeautifulSoup, and successfully integrated records into a PostgreSQL database, reducing data processing time by 90%.
- Configured an LXC container with Nginx, Django and PostgreSQL; successfully launching a learning platform with high performance, scalability, and secure data management.
- Streamlined course and class management by implementing a user-friendly interface in Django Admin, resulting in a 50% reduction in data entry time.
- Automated deployment workflows with Ansible scripts and uWSGI Server, reducing deployment times by 60% and minimizing manual errors.

Contract Scripting | Contractor | Remote | June 2020 - March 2024

Designed and executed scripts on a contractual basis servicing all clients. Supported data analysis, optimized database queries, and reporting tools.

- Assisted in optimizing SQL queries, boosting database query performance by 15%.
- Collaborated on HTML/CSS improvements for internal reporting tools, enhancing user experience and achieving a 25% increase in user satisfaction ratings.
- Utilized Bokeh library for data visualization techniques to translate intricate client data into impactful visual representations.
- Generated scripts to parse and extract information from PDF documents exporting to Excel.

Front End Developer | State Construction | Kent, WA | December 2019 - December 2021

Worked on construction sites helping in the office with booking and IT development.

- Built an application with Python Flask microservices architecture that recorded user input and experiment participant responses.

PROJECTS

FINGER COUNTER [\[LINK\]](#)

Tech Stack: Python, JupyterLabs, OpenCV, Scikit-Learn

- Utilized OpenCV as a proof of concept, captured a moving image of the user's hand(Exposure Correction) distinguished between the fist and the fingers(Segmentation).