

# TED TRAN

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## Education and Certifications

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### Bachelor of Science in Computer Science

*Western Governors University*

**Awarded - May 2023**

*Salt Lake City, Utah*

### ITIL 4 - Foundation in IT Service Management

*Axelos*

**Awarded - March 2023**

## Experience

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### Infusense

*Software Engineer*

**July 2024 – Current**

*Remote*

- Revitalized and successfully delivered a critical project by assuming responsibility from previous developers and transforming an incomplete system into a fully functional and robust solution
- Refactored and modernized the code base to adhere to best practices, achieving 100% test coverage, creating comprehensive documentation, implementing all essential business functionalities, and resolving critical bugs
- Addressed and overcame complex challenges with the Web Serial API to enhance user interaction with the Tetrasense device, and developed Python scripts for efficient data processing from the EmStat Pico module

### Evenherd

*Software Engineer*

**January 2024 – December 2024**

*Remote*

- Developed an internal website to manage stocks utilizing Hotwire, Ruby on Rails, TailwindCSS, Postgresql, and Redis
- Worked with a Figma designer to create a user-friendly UI
- Collaborated with stakeholders to gather specific requirements and ensure the tool met organizational needs
- Developed a rigorous testing suite using RSpec to guarantee optimal performance and reliability
- Implemented sustainable software practices to ensure consistency, ease of modification, and streamlined development

### Upwork

*Freelance Software Engineer*

**May 2022 – Current**

*Remote*

- Achieved Top Rated and maintained a 100% job success rate as a Freelance Software Engineer at Upwork
- Earned Upwork's certification for Ruby Back-End Development
- Developed, hosted, and maintained Ruby on Rails websites for various clients
- Automated critical business processes for a furniture company using Selenium WebDriver
- Assisted a psychologist in neuron visualization and Skinner box simulations
- Tutored clients on Ruby programming, git workflows, algorithms, and data structures
- Authored Ruby on Rails tutorials for working with technologies like Avo, TailwindCSS, and ViewComponents.

### Hack High School

*Volunteer Coding Mentor*

**August 2018 – February 2019**

*Fremont, CA*

- Educated students on various coding languages including Python, Javascript, Ruby, and SQL
- Developed a SQL curriculum with easy-to-follow PDFs and dockerized course materials for simplified learning
- Created RSpec and Jest testing suites to enable automatic validation of student code solutions

## Projects

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### Open-Source Software Contributions | *Ruby, Ruby on Rails, Visual Studio Code*

**2019 - Present**

- Contributed to projects in the Ruby space, such as: GitLab, Ruby Tool Box, Crystal Lang, Stimulus-Use
- Level 3 GitLab contributor, authoring over 50 merge requests in projects forming part of the GitLab product
- Awards Won:
  - GitLab MVP for 16.8 Release
  - GitLab December Hackathon (2023 December 11-18) 1st Place Winner
  - GitLab October Hackathon (2023 October 11-18) Winner

## Technical Skills

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**Languages:** Ruby, Javascript, HTML/CSS, Python, C, SQL

**Technologies/Frameworks:** Ruby on Rails, React, Git, Docker, RSpec, Sidekiq