

Ryan Viglione

Backend Software Engineer +
AWS Cloud Practitioner

Ryan Viglione
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[GitHub](#)
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[Portfolio](#)

Education

Nucamp Coding Bootcamp / Python, SQL, DevOPS
November 2021 - March 2022

Completed independent coursework centered around computer science principles with Python (Flask/Django), PostgreSQL and Devops (Google Cloud, Microsoft Azure, Amazon Web Services, Docker, Kubernetes) on a weekly basis. Attended video workshops that consisted of reinforcement of topics related to software development and deployment via Zoom with fellow classmates and instructors. Completed workshop assignments each week and developed portfolio software such as: personal website, LMS gradebook, and a Spanish learning text adventure game. Graduated with honors and high praise and endorsements from fellow alumni and instructors.

Salem State University / Spanish, Secondary Education
August 2010 - May 2015, Salem, Massachusetts

Graduated cum laude with a bachelor's degree in Spanish & Secondary Education.

Skills

- Python (Flask and Django), PostgreSQL, HTML, CSS
- Amazon Web Services (certified Cloud Practitioner), Google Cloud, Docker
- Trilingual (English, Spanish, Portuguese)

Projects

VigLMS

- Three-tiered LMS gradebook app for teachers and students
- Built with Python (Flask) for backend, HTML/CSS for frontend
- Implements AWS RDS database with complex reads and writes
- Hosted on Google Cloud App Engine with a Google Domain

Practice Spanish, Buy Flights

- Three-tiered language learning app built with Flask for backend, HTML/CSS/Javascript for frontend
- Leverages AWS services: Cognito, RDS, Translate, Transcribe, S3, Lex, Secrets Manager,
- Deployed on AWS Fargate with Docker image pushed to ECR

Ryan's AWS Games, Notes, and Labs

- Django website that displays notes, labs, and games created by Ryan with the goal to teach AWS
- Deployed on AWS Elastic Beanstalk