

# Angel Velasquez

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US Citizen in Ogden, UT

## Education & Certificates

- B.S. in Software Engineering from Utah Tech University (GPA: 3.91)      Status - Graduated

## Work History

*Full-Stack Software Engineer, Tdooz, UT*

*May 2025 to Current*

- Built a vendor payout dashboard with TypeScript, JavaScript, HTML, CSS, React, integrating with Stripe to automate vendor payout splits and replace a manual admin process.
- Created a customer messaging system using PostgreSQL and a Go RESTful API, deployed on AWS (EC2), allowing mobile and web users to communicate in real time.
- Developed a database migration tool with C# .NET, GitHub Actions CI/CD pipeline and Docker, preventing production failures caused by missing database migrations.

*Software Engineer Intern, Ilico Genetics, PA*

*Oct. 2024 to May 2025*

- Designed and deployed a Python FastAPI machine learning service, integrating with Node.js REST API and MongoDB, using record batching to eliminate data timeouts for lab staff.
- Built a React lab dashboard with TypeScript, JavaScript, HTML, and CSS, replacing a limited single-record interface with batch operations, pagination, and archive management.
- Developed Playwright testing suite with GitHub Actions CI/CD pipeline, Docker, and AWS, catching regression bugs before they reached production.
- Built a Python model training pipeline on AWS, continuously retraining and evaluating models to improve the prediction service as new data was collected.

*Software Engineer Intern, Utah Tech University, UT*

*May 2023 to Aug. 2024*

- Co-taught a 9-week summer class covering creating RESTful APIs with JavaScript, HTML, CSS, Vue.js, Node.js, and MongoDB, mentoring groups of 6 students.
- Optimized a C# .NET Unity whiteboard sync system using bit-packing and caching, building a persistent save system across 14 assignments that reset automatically each semester.