

## Contact

dylan.messerly@gmail.com

www.linkedin.com/in/dylan-messerly (LinkedIn)

github.com/CodeDTX11 (Personal)

codedtx11.github.io/ (Personal)

## Top Skills

Cloud Computing

Argo

GitOps

## Languages

English

## Certifications

JavaScript Algorithms and Data Structures

Learning Bash Scripting

Learning REST APIs

Introduction to Career Skills in Software Development

Learning SQL Programming

# Dylan Messerly

Techie | Software Developer | Curious | Make It So

San Marcos, Texas, United States

## Summary

I am well acquainted with a hard day's work and love being a part of a team to take on challenges.

Continuously learning is something I do not shy away from and naturally enjoy.

I have a solid foundation in software engineering and hope to help usher in the age of A.I. to augment all of humanity and not just a few.

Working hard is just as rewarding as playing hard and is integral to a fulfilled life.

I always give my best and take immense pride in my work while always trying to elevate the people around me.

In the era of rapid technological advancement let us not forget that uplifting mankind is the ultimate goal.

As we make our trek into the future I hope we can connect and together build something of real value.

No time to hesitate and in the decisive words of the great Captain Picard - Make it so!

Stay curious.

↓ Personal Website ↓

codedtx11.github.io

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## Experience

Eupraxia Labs

Software Engineer

May 2025 - Present (10 months)

Lockhart, Texas, United States

- Develop backend microservices in Go for automated Kubernetes cluster lifecycle management (CAPI/CAPA for AWS EKS).
- Build and maintain GitOps-driven automation pipelines using Argo CD, Helm, and GitLab APIs for multi-cluster environments.
- Implement day-2 application management (e.g., External-DNS, Velero, Keycloak, NGINX ingress) with full lifecycle logic for installation, updates, and deletion.
- Integrate AWS infrastructure services (EKS, EC2, IAM, OIDC, S3) via SDKs and custom Go utilities to provision and manage cloud resources programmatically.
- Design and maintain database schemas with GORM and PostgreSQL, tracking clusters, projects, and role-based access (RBAC) across the platform.
- Architect backend handlers and services to handle cluster creation, scaling, and teardown events, ensuring clean state transitions and API consistency.
- Develop and maintain MCP (Machine-Client Protocol) server endpoints enabling LLM-driven automation and tool orchestration within the our Kubernetes lifecycle management platform.
- Refactor legacy logic into modular Go packages for maintainability and scalability.
- Collaborate cross-functionally on design, debugging, and deployment of production workloads across Kubernetes clusters.
- Contribute to continuous integration and delivery (CI/CD) pipelines and containerization using Kubernetes manifests.

## Cook Systems

Full-stack Developer

March 2024 - May 2024 (3 months)

Nashville, Tennessee, United States

- Developed and tested dynamic full-stack web applications using Java, JavaScript, TypeScript, Spring Boot and Angular.
- Designed and implemented RESTful APIs for smooth communication between front-end and back-end components and tested via Postman.
- Coded intuitive, eye-catching and user-friendly interfaces with Angular, CSS and HTML.
- Created an efficient database schema/ERD supported by PostgreSQL in PGAdmin4 and utilized Spring Boot and JPA to seamlessly handle data to and from the server.
- Teamed with 5 developers and utilized Git version control and CI/CD pipelines to ensure we meet project deadlines.

## Progressive Insurance

### Commercial Lines Customer Service

September 2018 - May 2021 (2 years 9 months)

Austin, Texas, United States

- Gained extensive knowledge of multiple IT computer systems from command line legacy applications to modern web hosted applications in order to properly serve customers.
- Served as a technical support agent for customers and insurance agents for the Progressive website and mobile app.
- Solved multiple complex insurance, billing and technical problems for customers and co-workers on a daily basis.
- Managed customer accounts worth up to \$500,000 while also responsible for product growth and client retention.
- Collaborated with a team of 10-15 individuals on a daily basis and actively contributed to weekly team meetings.

## Ace Audio Communications Inc.

### Audio Visual Technician

July 2017 - September 2018 (1 year 3 months)

Austin, Texas Metropolitan Area

- Responsible for communicating efficiently with supervisor, customers, co-workers, and employees from other trades in order to install and complete a project.
- Acquired various skills involving the installation, programming, and troubleshooting of communications equipment.
- Involved in the planning and implementation of contracted projects with major clients such as Austin ISD.
- Faced deadline pressures and prioritized time efficiently and effectively while maintaining a cool head.

## Domino's

### Delivery Driver Lead

January 2014 - July 2017 (3 years 7 months)

San Marcos, Texas, United States

- Lead driver during prime-time sale hours with store average gross profit of \$30,000/week.
- Consistently rated at 90% satisfaction or above according to online customer reviews.

- Responsible for training 2-3 new employees per month in excellent customer service skills, handling of customer orders and payments, understanding of Domino's Pulse electronic business sales system, and various company goals.
- Worked face to face with hundreds of customers on a weekly basis and resolved many customer grievances in a professional and cordial manner.
- Maintained sharp and clean personal and store image in accordance with Domino's policy.
- Often stayed after scheduled hours to help co-workers carryout the tasks at hand during Domino's peak rush hours.

## Chisholm Trail Veterinary Clinic

### Veterinary Technician

April 2010 - May 2013 (3 years 2 months)

Lockhart, Texas, United States

- Assisted the Veterinarian in many daily activities such as hosted clients during appointments, encouraged clients to purchase promoted products, performed veterinarian medical tests, and support during surgery.
- Purchased and inventoried key company products as a weekly responsibility.
- Communicated effectively between clients, doctors, and other technicians throughout the day in order to complete the tasks at hand efficiently, especially during emergency situations.
- Largely accountable for numerous pets held in the kennel and hospital. Fed, walked, provided medical care, and sanitized facilities.
- Learned new skills as needed above held job title to attain job security including landscaping, detailed company vehicles, maintenance of property, and tractor-work.
- Held full-time job with many responsibilities a day and worked to refine time management skills to finish all tasks on time while simultaneously attending school full-time.

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## Education

### Texas State University

Bachelor of Science - BS, Computer Science · (January 2020 - May 2023)

### McCoy College of Business at Texas State University

Bachelor's Degree, Business Administration and Management

### Austin Community College

General Studies

