

Experience

Arrive Logistics Austin, TX / **Software Engineer** May 2025 -

- Collaborated within a cross-functional five-person team, including three backend engineers, to maintain and optimize financial services APIs.
 - Managed a technical stack comprising five PostgreSQL databases, four Kotlin Micronaut APIs, and one .NET Core API; led the recent migration of the .NET application from Framework to .NET 9.
- Utilized a distributed pub/sub architecture to ensure a decoupled and scalable ecosystem for database and UI communication.
 - Leveraged Azure Event Hubs, Service Bus, Kafka, and Protobuf to maintain reliable messaging and data serialization.
- Directed feature management and established project timelines for the management team, including the authoring of comprehensive technical research and feature specification documents.
- Monitored service health and performance through telemetry and alerting systems, ensuring the integrity of Elasticsearch indexes, messaging queues, and databases.
- Contributed to diverse codebases across organizational teams, adapting to varying architectural patterns and repository requirements.

Texas Legislative Council Austin, TX / **Full-Stack Developer** January 2025 - May 2025

- Maintained databases, web and WinForm applications, services, and integrations for the Texas legislative branch (10-person team), including new development, code modifications, and database management.
- Collaborated with a 4-person team to redevelop multiple legacy WinForm applications into a unified web application for the House and Senate Accounting departments.
- Focused primarily on backend and SQL database development, serving as a sought-after subject matter expert, particularly for financial software.
- Participated in a 4-person initiative to migrate code from TFS to GitHub and continuous integration processes from TeamCity to GitHub Actions.

Multitracks.com Austin, TX / **.NET Developer** July 2023 - January 2025

- Managed a diverse tech stack (.NET 8, Framework, Core/Blazor, Vue.js, SQL) within a 15-member global team.
- Maintained the full-stack Chart Processor, implementing features for its website, services, and APIs, including complex bitmap-based data tables.
- Co-implemented Redis caching with robust fail-safes and manual controls across backend infrastructure.
- Created an internal math-based validation tool to ensure precise royalty payouts for finance.
- Automated real-time exchange rate integration, cutting global payment processing from one month to one day.

[Colton T. Chrane](#)

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Skills & Interests

Web Development: .NET Framework, .NET Core, Micronaut (Kotlin), React, Vue, and Angular

Data: SQL, MySQL, Redis, Entity Framework, Microsoft SQL Server Management, PostgreSQL, Flyway, Nhibernate, and ElasticSearch

Software Development: Java, Python, C++, C#, JavaScript, BASH, ZSH, PowerShell, and Kotlin.

Git: CodeCommit, GitHub, Bitbucket, git, and SourceTree

CI/CD & Build/ Deploys: TeamCity, Github Actions, CAKE, MSBuild, Dotnet CLI, Surge, Zena, Terragrunt, Azure Pipelines, Kubernetes, and Azure App Services.

OS & Virtualization: ProxMox, Microsoft, Macintosh, Linux(Mint, Ubuntu, and Kali), Docker, and Android, K8 Clusters (Kubernetes).

Cloud: Azure and AWS

Telemetry & Configuration: NewRelic, LaunchDarkly, and AppInsights

AI, Code Agents, and LLMs: Copilot, Gemini, and Claude (4.0+)

Education

Texas State Technical College Abilene, TX Computer Programming 2019 - 2021

Coastal Carolina University Conway, SC Computer Science 2014 - 2019

Clarke County High School Berryville, VA High School Diploma 2010 - 2014

Publications

[Portfolio](#) - Website that showcases my professional accomplishments and projects

[An Examination of Tor Technology based Anonymous Internet](#) 2015 - College publication

[Abilene Scene](#) 2021 - Featured profile of the beverage program I directed for The Local.

[GitHub](#) - Comprehensive repository of professional and personal technical projects.