

Dusty Mumphrey

Results-driven software engineer passionate about complex challenges, with strong product sense and effective communication.

Tyler, Texas
(430) 435 5503
dusty.mumphrey@gmail.com

EXPERIENCE

Full Stack Software Engineer — *Clockwork*

November 2022 - PRESENT

Created scalable internal reporting system using C#, .NET, Entity Framework, Xamarin, MySQL Database, and Azure, improving real-time decision-making.

Developed Android mobile ordering tool using Xamarin, .NET, MySQL, Azure, resulting in 60% increase in active users and 40% surge in daily orders.

Implemented RESTful APIs for seamless integration and third-party service interaction, enhancing application's functionality.

Software Engineer / DevOps — *Vault Health*

January 2021 - November 2022

Redesigned daily monitoring report with New Relic and Cloudwatch, achieving <1% error rate and improved visibility.

Led development of COVID test tracking system with Python, Flask, Next.JS, GraphQL, and TypeScript, resulting in 90% reduction in inquiries.

Collaborated on scalable microservices architecture, enhancing performance and reducing time-to-market.

Delivered innovative clinical trial platform with Python, FastAPI, Next.JS, GraphQL, and TypeScript, achieving 30% participant diversity increase.

Software Engineer / Freelance — *Dust In Time Designs*

January 2017 - January 2022

Collaborated with a diverse range of clients, embracing technologies like C#, Python, JavaScript, Flutter, React, Xamarin, and Azure.

Built applications with a strong commitment to customer satisfaction and user experience.

Utilized relational databases like PostgreSQL, wrote APIs with Typescript, and worked on projects involving AWS and GraphQL.

SKILLS

Python
JavaScript
TypeScript
C#
React/ReactJS
Redux
Next.js
Flask
Django
Node/NodeJS
jQuery
.NET core
Xamarin
React Native
MySQL
PostgreSQL
Postgres
SQLAlchemy
SQL Server
Relational databases
NoSQL
Query Optimization
ElasticSearch
Kafka
AWS (S3, Redshift, Cloudwatch, EC2, Lambda)
Azure
Git

General Manager — *Panda Express*

August 2014 - June 2018

Established and maintained strong relationships with business partners to identify new opportunities and drive growth

Analyzed customer feedback and usage data to identify areas for improvement and develop strategies to increase customer loyalty

Built and managed a high-performance team that achieved all key performance indicators

EDUCATION

Southern New Hampshire University — *B.S. Computer Science*

August 2020 - December 2022

App Academy — *Software Engineering Certificate*

June 2020 - December 2020

TDD (Test-Driven Development)

Jasmine

Jest

PyTest

Unit Testing

Regression Testing
Integration Testing

E2E Testing

Quality Assurance

Docker

Kubernetes

Agile

CI/CD

RESTful APIs

GraphQL

SOAP

microservices architecture

SaaS (Software as a Service)

ORM (Object-Relational Mapping)

HTTP protocol

JWT (JSON Web Tokens)

OAuth

OOP (Object-Oriented Programming)

Design patterns

SOLID principles