

Justin Greisiger Frost

Tempe, AZ
(602) 653-8723
frostjust@gmail.com

Senior Software Engineer with 25 years of experience designing high performance software solutions. Skilled in object-oriented and functional programming, distributed systems, and front-end frameworks. Proven success in AI, cloud-native architectures, and open-source initiatives. Passionate about advancing software engineering via cutting-edge technology and mentorship.

PROFESSIONAL EXPERIENCE

Monadica LLC, (Tempe, AZ) — Founder / Principal Engineer

JANUARY 2023 - PRESENT

Founded Monadica LLC, a specialized consultancy firm focusing on functional programming, distributed systems, and web development (both front-end and hosting). We provide expert guidance and implementation strategies to businesses utilizing modern technologies such as Clojure, TypeScript, and Lit Elements. Additionally, we foster innovation through open-source contributions via the Monadica Open Source Committee.

Oracle, (Remote) — Sr Technical Consultant / Software Engineer

JULY 2023 - MAY 2025

Collaborated with project managers and clients to deliver customized NetSuite solutions, specializing in system integrations using REST, SOAP, GraphQL, and webhooks. Developed and implemented solutions with TypeScript and Node.js, and designed high-performance routines using mapreduce principles. Provided technical expertise and mentorship to team members.

Gateless, (Remote) — Sr Software Developer / Team Lead

JULY 2021 - JANUARY 2023

Developed an AI mortgage underwriting engine, cutting the loan application processing time by 80%. Built scalable cloud microservices architecture on AWS. Led AI teams and integrated third-party tools, improving efficiency and client satisfaction.

American Express, (Phoenix, AZ) — Sr Software Engineer

AUGUST 2019 - APRIL 2021

Designed and maintained a proprietary campaign management system using React, SpringBoot, and Java. Engineered optimized backend services with Spring Boot, C# .NET, and Kafka Streams. Constructed data pipelines with Scala, Kafka, Data Warehousing, and Hadoop. Collaborated with global teams to enhance campaign execution. Integrated Gen-AI/LLM Chat Agents into existing platforms.

Applied Systems, (Phoenix, AZ) — Software Developer

MAY 2018 - AUGUST 2019

At Applied Systems, I served as a Software Developer, pivotal in crafting advanced solutions for CSR24, our Insurance Agency Management Software. My expertise in .NET MVC, Web API, Vue.js, and React enabled me to collaborate with diverse teams to enhance user experience and streamline operations. My innovative contributions significantly boosted software performance and scalability, driving growth and success for Applied Systems in the insurance industry.

PROGRAMMING LANGUAGES

Clojure/ClojureScript
JavaScript/TypeScript
Lisp
Java
C#
Python
Transact SQL
Scala

FRAMEWORKS

React/Redux
Node.js
Angular
Tailwind
Bootstrap
Spring Boot
Asp.NET
MVC
Web API
Hibernate

DISTRIBUTED SYSTEMS

Amazon Web Services
Kafka
Kubernetes
Google Cloud
Platform
Azure
Snowflake

DATABASES

PostgreSQL
Microsoft SQL Server
Oracle DB
MongoDB
MariaDB
XTDB

TOOLS

Git
Docker
NPM
NuGet
Maven
PIP

PowerSchool, (Phoenix, AZ) — Software Engineer

FEBRUARY 2017 - MAY 2018

At PowerSchool Group LLC, I developed and maintained ERP systems for K-12 School Districts and Local Government clients as a Software Engineer. I improved HR Administration and Finance processes by utilizing C++, ASP.net, C# .NET, and Angular, which resulted in enhanced system performance and user satisfaction..

SunGard K-12 Education, (Remote) — Software Developer

APRIL 2015 - FEBRUARY 2017

As a Software Developer at SunGard K-12 Education, I specialized in the development and maintenance of ERP systems for K-12 School Districts and Local Government clients. I leveraged C++, ASP.NET, C# .NET, and Angular to improve the efficiency of HR Administration and Finance processes, significantly boosting performance and usability.

SunGard K-12 Education, (Remote) — Implementation Consultant/Instructor

NOVEMBER 2012 - APRIL 2015

At SunGard K-12 Education, I served as an Implementation Consultant and Product Instructor. In this role, I spearheaded comprehensive technical implementations, delivered product training, and facilitated migrations from Legacy Unix, Informix, and Oracle systems. I partnered with various cross-functional teams to provide funded professional services, ensuring smooth client transitions.

Chandler Unified School District, (Chandler, AZ) — Computer Programmer

APRIL 2007 - OCTOBER 2012

As a Computer Programmer at Chandler Unified School District, I was responsible for the development and maintenance of Student Information Systems and the BusinessPLUS Financial and HR Administration ERP. I collaborated with cross-functional teams to implement system updates and enhancements, ensuring optimal user experience and system efficiency.

Chandler Unified School District, (Chandler, AZ) — Computer Technician

MAY 1998 - SEPTEMBER 2002

Provided technical support for Windows desktops, laptops, and networked printers on the district's Wide Area Network. Automated system deployments and troubleshoot hardware and software issues using software development skills. Implemented innovative solutions to improve system efficiency and user experience, leading to increased productivity and cost savings.

COURSES/CERTIFICATION

Clojure - From Beginner to Advanced — Udemy

<https://www.udemy.com/certificate/UC-088b4cc2-6e21-41ad-ad29-381de1933ac8/>

Code Clinic: Clojure — LinkedIn

<https://www.linkedin.com/learning/certificates/e140f791d80cbaae4024ac6308a8884bf567dd7b5c95ea1f7f969ee9a095a294>

Front-End Web Developer Nanodegree — Udacity

<https://www.udacity.com/certificate/e/8434bca6-471c-11e8-a2a5-0759c51be3f3>

Programming with C# — edX

<https://s3.amazonaws.com/verify.edx.org/downloads/9b66e06810d247c4a197447b83a1c7c9/Certificate.pdf>

LINKS

[linkedin.com/in/
justin-greisiger-frost](https://linkedin.com/in/justin-greisiger-frost)

[github.com/
gneissguise](https://github.com/gneissguise) -
[Personal GitHub](#)

jdfio.com -
[Personal Page](#)

[github.com](#) - [Open
Source Libraries
authored by Justin](#)