

# Justin Greisiger Frost

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**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.

## EXPERIENCE

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

JULY 2023 - PRESENT

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.

### 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.

### 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.

## PROJECTS

### Monadica — Open Source Software

Developed a TypeScript library for reactive data processing, improving efficiency and responsiveness in front-end applications. Led an open-source committee creating reusable libraries. Fostered collaboration and knowledge sharing within the developer community.

## PROGRAMMING LANGUAGES

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

## FRAMEWORKS

React/Redux  
Node.js  
Lit Elements  
Tailwind  
Bootstrap  
Spring Boot  
.NET  
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

[Further details of my work experience are available on LinkedIn..](#)