

OBJECTIVE | Seek an opportunity with challenges not found in other settings; where out of the box thinking is required for daily success.

TECHNICAL

LANGUAGES

C# C/C++ Go JavaScript HTML
Rust T-SQL Java PHP PL/SQL

TOOLS

Git Kubernetes GitOps DevOps
Go Linear Helm NodeJS

QUALIFICATIONS

Awards

NASA Space Flight Awareness
NASA IMCS Process Improvement
NASA KSC Software of the Year
NASA IMCS Program Manager

Certifications

Certified Scrum Developer

EDUCATION

B.S. Computer Science
Northern Illinois University
December 2005

M.S. Computer Science
Northern Illinois University
December 2008

EXPERIENCE

Chief Executive Officer & Lead Engineer | 2017-present

Sandy DevOps, Melbourne, FL
Architected and maintained core infrastructure for a long-term SaaS client, leading the shift to a cloud-native, event-driven architecture. Oversaw service orchestration, CI/CD pipelines, distributed data systems, and GitOps-based operations while remaining hands-on with engineering execution and technical strategy.

Go CockroachDB
Docker Kubernetes
Helm NodeJS Vue
MongoDB Docker
Cloud Native GitOps

Chief Technology Officer & Co-Founder | 2014-2017

Cowboy Coders, Cocoa Beach, FL
Managed technical budgets, remote teams, and the full hiring process. Led client engagement from discovery to delivery, including requirements gathering and product demos. Applied Agile Scrum methodologies for project execution and team coordination. Oversaw cloud infrastructure and server administration. Set long-term strategies for product sustainability and growth. Delivered solutions across domains including CI/CD systems, property management, asset tracking, social platforms, CRM, and open source tooling.

Docker Cassandra
Angular MongoDB
SQL Server NodeJS
ASP.Net MVC C#
Marathon Mesos
Go Kubernetes

Senior Software Engineer | 2013-2014

Boeing, Everett, WA
Part of a special projects team under BCA Supplier Management leadership. Regularly screened and interviewed candidates. Collaborated with stakeholders and executives on requirements and project delivery. Designed systems for inventory, part tracking, engineering analysis, supplier and process management, and forecasting. Built a shared framework for integrating with corporate enterprise services. Piloted cloud integration and HTML5 adoption across the division. Served on the division's process improvement team, defining and tracking milestone goals.

C# NodeJS VBA
Angular SQL Server
Oracle Web API
MVC 3


Senior Software Engineer | 2011-2013

NASA, Kennedy Space Center, FL
Mentored peers on emerging technologies. Worked within strict Agile Scrum processes while conforming to CMMI Level 3 standards. Contributed to diverse projects including internal tools, public-facing sites, HR applications, and the core company framework. Built a custom product deployment utility integrated with CI systems for rapid adoption. Led efforts to implement HTML5 standards across multiple teams. Participated in candidate screening and standards steering initiatives.

C# Java WCF
WPF SQL Server
MVC 3 Rails C++
CoffeeScript

Software Engineer

January 2011 to August 2011



- C# PostgreSQL
- JavaScript Oracle
- SOAP ADO.Net
- SQL Server VB.Net

MEDai, Orlando, FL

Developed a system for strategic patient risk assessment and management. Prepared project release and milestone schedule. Coordinated deployments with multiple stakeholders and teams. Mentored peers on utilized and upcoming technologies.

Lead Developer

February 2010 to February 2011




- MySQL JavaScript
- C# WCF WPF
- Entity Framework
- SQL Server

Big Mama Digital Entertainment, Seymour, TN

System administration for Windows based servers and databases. Maintained existing custom ecommerce codebase and assisted in transition to Magento-based system. Designed and developed multiple custom internal and public facing solutions dealing in various content sites, order fulfillment, CD replication, anti-piracy/DRM measures, customer relationship management, product development/tracking, data management, and B2B ecommerce.

Technical Programming Consultant

March 2007 to February 2010



- C# VB.Net PHP
- SQL Server MySQL
- C++ JavaScript

Consulting, Ashton, IL

Provided development services to various clients including high-traffic websites and local businesses. Regularly interfaced with clients to gather requirements and obtain feedback. Projects varied greatly in scope and included Windows driver development, public and intranet websites, and a POS and asset/inventory tracking system.

Owner | Proprietor

February 2006 to March 2007



- C# C++ MySQL
- PHP JavaScript

Computer Evolutions, Rochelle, IL

Managed and operated a physical mainstreet storefront that dealt in various IT services such as network setup, website development, custom application development, and computer repair for businesses and consumers.

Developer | Lead Developer

January 2006 to August 2008




- C PHP BASH HTML
- CSS JavaScript
- MySQL

Ganadia Project, Ashton, IL

Designed and developed a cross-platform multiplayer online game server with a web-based management panel. Managed development and deployment scheduling. Engaged with community members and testers daily on new and desired features. Distributed and assigned programming tasks among developers.

Junior .Net Developer

January 2005 to January 2006



- VB.Net SQL Server
- HTML JavaScript

Integration Wizard, Winter Springs, FL

Developed third-party CRM tools for Goldmine CRM. Implemented software according to specifications. Assisted senior developers in debugging issues and performed data migrations.