

# PAUL-JOSEPH de WERK

Greater Sacramento Area, CA  
(916)479-6766

pauljoseph.de.werk@gmail.com  
<http://www.linkedin.com/in/dewerk>

## SENIOR SOFTWARE ENGINEER

Self-motivated software engineer with over 15 years of experience with several Fortune 500 companies in QA, Development, and Production, support and automation. Strong skills in learning new technologies quickly, software development, and leading a team. Extensive experience in designing applications and coming up with new ideas. Strengths include solid communication and problem-solving skills, and adapting to change.

## TECHNICAL SKILLS

Languages: Python, Perl, C, sh, bash, SQL, JSON, XML, PHP, HTML, CSS, Angular, JavaScript, C#, C++, ksh, Java, Tcl  
Database: MySQL, SQL Server 2000 & 2005, Unify 4GL and RPT, Oracle (SQL, Pro\*C, SQL\*Plus), Informix, NoSQL  
Network: TCP/IP, RPC, HTTP, REST, RPC  
Tools: Source Control (Git, CVS, SCCS, Subversion, Clear Case, VSTS), AI (ChatGPT, GitHub Copilot, Microsoft Copilot), Continuous Integration (Concourse, Jenkins, QuickBuild, TeamCity, BuildBot), Datadog, Terraform, Gerrit, Apache, IIS, Visual Studio, Postscript, SAP, Eclipse, .NET, Qt, Bugzilla, JIRA, Klocwork  
Platforms: UNIX (Linux, Ubuntu, RedHat, CentOS, HP-UX, DG/UX, Solaris, SunOS), Apigee, Windows, Android  
Cloud: AWS (Lambda, EC2, CloudFormation, API Gateway, SNS, SQS, DynamoDb, S3, Aurora, Cloudwatch, CloudFront), Azure DevOps (Pipelines, Git), DataDog  
Frameworks: Javascript (Angular, jQuery, Node, React)

## PROFESSIONAL EXPERIENCE

### Staff Software Engineer (Fullstack Developer/Development Lead/Manager)

Symetra, Bellevue, WA

02/2022 – 10/2025

*Started as contractor through Insight Global (at Symetra), Bellevue, WA*

08/2021 – 02/2022

Led migration of critical APIs from AWS API Gateway to Apigee, ensuring security, scalability, and smooth cutover with minimal downtime.

Designed, developed, and deployed Angular applications to AWS CloudFront.

Built and maintained backend services and APIs using AWS Lambda and related serverless technologies.

Managed Azure DevOps pipelines to automate deployments across AWS environments.

Directed and mentored development contractors, setting technical direction, reviewing deliverables, and ensuring alignment with organizational standards.

Acted as Development Lead, driving architecture decisions, coordinating cross-team efforts, and delivering on strategic initiatives.

Performed deep AWS troubleshooting using CloudWatch, logs, and performance metrics to maintain system reliability.

Leveraged AI tools (ChatGPT, GitHub Copilot, Microsoft Copilot) to accelerate development, improve code quality, and automate documentation.

### Senior Software Engineer (DevOps)

Computer Enterprises, Inc. (at Comcast), Pittsburgh, PA

02/2021 – 05/2021

Enhanced APIs in AWS using Python

Deployed lambdas to non-prod and prod in AWS using Concourse and Terraform

## **Consulting Software Engineer (DevOps)**

Lexis Nexis, Sacramento, CA

07/2017 – 12/2020

*Started as contractor through Insight Global (at Lexis Nexis), San Jose, CA*

10/2016 – 07/2017

Designed, developed, deployed, and maintained, scripts in Perl and Python to transfer files, and metadata, from AWS on S3 and RDS, to legacy systems  
Designed, developed, deployed, and maintained, Python script to send SNS messages from legacy systems  
Designed, developed, deployed, and maintained, backend processes and APIs, Lambdas, and services running on EC2, Docker, and Fargate  
Troubleshooting AWS and legacy applications using logs and cloudwatch  
Modified and deployed web apps in Perl and Javascript using CGI, WWW::Mechanize, Angular, jQuery, Node, and React  
Managed git source repositories merging development branches into release branches for CI/CD Jenkins processes  
Running team meetings for VSTS Pull Request reviews

## **Software Engineer (Team Lead)**

Intel Corporation, Folsom, CA

01/2011 – 05/2016

*Started as contractor through Kelly IT Resources (at Intel Corporation), Rancho Cordova, CA*

08/2010 – 01/2011

Designed and developed scripts in Perl and Python to manage building, and testing, of firmware pre-release  
Managed firmware releases by reviewing test results and making final release decisions  
Managed adding release versions of firmware to Klockwork  
Supplied bug tracking metrics from Bugzilla and JIRA to management.  
Developed, maintained, and refactored, applications surrounding firmware validation in Perl, and Python, and using XML, JSON, Git, Quickbuild, and Jenkins  
Managed clear-case and git source repositories merging development branches into release branches for firmware release, and setting access permissions via Gerrit  
Running team meetings, disseminating information, and deciding primary focus for the week

## **Senior Software Engineer (Systems Engineer/DevOps/Electrical Engineer)**

Power Station LLC, El Dorado Hills, CA

07/2009 – 07/2010

*Started as contractor through TEKsystems (at Power Station, LLC), Rancho Cordova, CA*

02/2009 – 07/2009

Designed and wrote multi-threaded kiosk software in C# and .NET from scratch in two months, including hardware interface code, for charging phones and renting laptops.  
Designed electrical wiring harness to allow for easy installation and maintenance of kiosk module components.  
Set up of base web pages for different kiosk module that allows for walkup internet access, using HTML, CSS, and JavaScript  
Assisted in writing game kiosk module software in C# and .NET to allow selection and execution of various games.  
Managed changes to various company web pages by adding and removing information as directed by management using HTML, and CSS

## **ADDITIONAL EXPERIENCE**

**Senior Software Engineer**, Volt (at Intel Corporation), Roseville, CA

2007 – 2008

**Senior Software Engineer**, HD Supply: Repair & Remodel, North Highlands, CA

2007 – 2007

**Senior Software Engineer**, TEKsystems (at HD Supply), Rancho Cordova, CA

2007 – 2007

**Consultant**, Kelly IT Resources (at Intel Corporation), Rancho Cordova, CA

2006 – 2007

**Business Systems Analyst IV**, Hewlett Packard Company, Roseville CA

1999 – 2005

## **Unites States Air Force**

Repaired F-16 powerplants  
Developed data pre-processor for Jet Engine Tracking department

## **EDUCATION**

**Bachelor of Science, Computer Science**, California State University, Fresno