Paul Wong

Clackamas, Oregon 97015
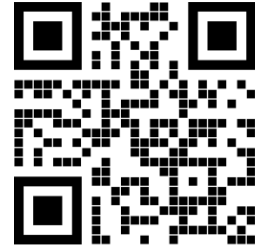
Phone: 503.512.9630
Email: pwong@jaiken.com
Website: https://pwong.jaiken.com
LinkedIn: https://www.linkedin.com/in/wongpa/
Github: https://github.com/pawong/

Objective

To secure a position where I can apply my skills and experience in system design and analysis, while also having the opportunity to grow, learn, and tackle new challenges in the field of technology.

Experience

6/24 - Present   **Intel Corporation**   Hillsboro, OR
Software Engineer, Cloud (Contractor)
- Assisted the Telemetry and Data Collection team by developing cloud-based automation solutions and Infrastructure as Code (IaC).
- Maintained and updated AWS CloudFormation scripts for the deployment and configuration of data collection tools.
- Collaborated on applications built with Django/Python, Elastic Beanstalk/ Clojure, and GoLang.
- Created and managed Jenkins pipelines to streamline continuous integration and delivery.
- Leveraged AWS services, including Fargate, Lambda, S3, VPC, DocumentDB, and IAM, to optimize cloud infrastructure and operations.
- Contributed to cost optimization efforts by reducing the overall spend across multiple systems.

12/22 - 10/23   **Torqata**   Huntersville, NC
Senior Software Engineer
- Designed and developed backend microservice APIs to integrate Auth0 with internal services using Python, FastAPI, and PostgreSQL, deployed on Kubernetes (GKE) and Google Cloud Platform.
- Implemented Infrastructure as Code (IaC) with Terraform for cloud resource management.
- Enhanced alerting systems for improved monitoring and reduced noise, while cutting overall GCP costs by 20% through asset optimization and spend tracking.
- Built and maintained CI/CD pipelines with GitHub Actions for automated testing and deployment.
- Contributed effectively as a collaborative member of a fully remote and diverse team.

4/22 – 9/22   **AWS**   Portland, Oregon
Software Engineer
- Contributing member on the Route 53 Application Recovery Controller Team.
- Developed and maintained highly available, highly scalable internal and external micro serviceREST APIs for new and existing products using Kotlin and Python.
- DevOps work supporting the team, using internal CI/CD tools scripted in Typescript and Cloud Formation.
- 24/7 on call support for multiple AWS products.

1/21 – 4/22   **Comfy - A Siemens Company**   Oakland, California
Staff Software Engineer
- Designed and developed backend APIs using Python and Django to connected and synchronized events with external calendar providers such as O365 and Google.

- Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers on premises, EKS (AWS) and AKS (Azure).
- Used AWS Lambda to deliver responsive and resilient micro service REST APIs and deployed with Terraform.
- Integrated Algolia search engine technologies for fast and fluid search interface.
- Participated in mentoring new and junior engineers.
- Worked effectively with global team of developers.

10/14 – 12/21   **Comscore/Rentrak**   Portland, Oregon
Senior Software Engineer
- Big Data analysis, processing and verification using Python/FastAPI/Flask, PostgreSQL, Redshift, Snowflake, Angular/Node, Docker, HAPI and NGINX.
- Designed and implemented extensions to a web-based data warehouse. (Python, Perl, JavaScript/Typescript/NodeJS, CSS, PostgreSQL, Test-driven development, waterfall model, Git)
- Implemented Cloud Strategies based on AWS (Amazon Web Services).
- AWS CloudFront, ECS, Fargate, RDS, Redshift, ClickHouse, EC2 installs with Ansible and CloudFormation.
- Scrum Master, Project Manager, Project Lead.

10/10 – 8/14   **Iterasi**   Portland, Oregon
Senior Software Engineer
- Designed developed implemented client/server, web based and n-tiered application for a fast-moving startup focusing on archiving web content using Microsoft C#/.NET Framework and SQLServer.
- Developed interfaces for data mining using oAuth, XML and JSON from all the major social media APIs, including Facebook, LinkedIn and Twitter.
- Installed systems and managed customer relationships with strategic partners for remote deployed websites.
- Installed, configured performance tuned and maintained various systems for LIVE, QA and Development environments including Windows Servers 2008, SQLServer 2008 and Linux machines.

01/10 – 09/10   **Wind River**   Beaverton, Oregon
Senior Embedded Middleware Developer (Contractor)
- Developed embedded applications in C/C++ and Java for Android OS.
- Used Linux and other open source solutions for development.
- Estimated and delivered complex projects on time using agile (Scrum) methodologies.
- Lead daily Scrum meetings, managed team release schedule and removed roadblocks for team members.
- Worked affectively across multiple geographies.

07/06 – 11/09   **ACCESS Systems Americas, Inc.**   Sunnyvale, California
Senior Software Engineer
- Developed OMA certified SyncML synchronization solutions for ALP cross-compiled for Windows and Linux.
- Developed Desktop synchronization application Visual Studio C++ for communication between desktops and handhelds.
- Implemented HTTP binding functionality in C/C++ on Linux Embedded OS wired and wireless handhelds.
- Wrote desktop server solution for synchronization.
- Wrote and maintained unit test cases.

11/03 – 6/06   **PalmSource**   Sunnyvale, California
Senior Software Engineer
- Ported proprietary sync solution to OMA SyncML standard solution.

- Developed proprietary synchronization solutions for the next generation Palm OS.
- Wrote and debugged C/C++ code embedded on Motorola and ARM processors for Palm OS Handhelds.

03/01 – 10/03   **Palm, Inc.**   Santa Clara, California
Software Engineer
- Developed Microsoft Exchange solutions with WebDAV and XML for wired and wireless devices.
- Maintained and expanded functionality of the WeSync servers, including several patented sync exchange methods.
- Developed Java servlets for evaluation of integrating newly acquired code.

01/00 – 02/01   **WeSync.com**   Portland, Oregon
Software Engineer/Technical Lead
- N-tier server development using Microsoft solutions, XML and ISAPI for web/Internet/Intranet synchronization software.
- Designed, coded, unit tested and implemented COM components in Visual Basic and Visual C++.
- Design and implement relational databases with SQL Server including stored procedures using Transact-SQL.
- Technical lead for COM/COM+/Backend/Middle Tier team.
- Debugged ASP pages.
- Installed, configured, performance tuned and maintained the Windows NT/ 2000 server and SQL server machines.

Education
Portland State University
Portland, Oregon

Bachelor of Science in Mathematics
- Studied theoretical mathematics and problem solving.
- Applied mathematical principals in computer science.

Licenses & certifications
- AWS Certified Cloud Practitioner

Additional Course Training

- Oracle Foundations
- Mercury Interactive TestSuite
- SAS Fundamentals and Programming
- Intro to Crystal Reports
- Visual Basic Fundamentals
- Visual Basic for Excel
- Novell NetWare Administration
- Achieving Extraordinary Customer
- Terraform
- AWS Cloud
- UML Use Cases and Relationships
- Principles of Insurance: Life, Health and Annuities
- Visual Basic Development
- Oracle Developer 2000 Forms
- Intro to Project Management
- Java Programming Fundamentals
- Neo4j Graph Database
- Google Cloud Platform