USMAN SAQLAIN
Senior FullStack Developer / AI Solutions Engineer

Chicago Metropolitan Area, IL **|** 630-802-7363 **|** usaqlain01@gmail.com **|** US Security Clearance: Active

Developing Web & CMS Applications using PHP, Drupal & Python Frameworks, and Restful APIs in the Backend, and JavaScript, HTML, CSS, JQuery & AngularJS libraries in the Frontend for 12+ years. Skilled in Cloud Infrastructure & Server Administration, DevOps, SecOps, CI/CD & AI/ML Automation.

TECHNICAL SKILLS

Programming Languages:	**PHP, Python, SQL, JavaScript, JQuery, Node.js, HTML5, CSS3, TWIG**
Frameworks & Libraries:	**Drupal 7.8.9.10 Decoupled, Symfony, AngularJS, NodeJS, Python & AI/ML FW**
Database, Cache & Storage:	**MySQL, NoSQL, ElasticSearch, Varnish, Redis, MongoDB, Oracle, S3, Solr**
AI/ML Leverage:	**Google Colab, Python Notebook, Github Copilot, AI QA, Chat GPT & Gemini**
Frontend & Theming:	**WCAG2.2, Reusable Components, Sass, Bootstrap, Grid Layout, SEO**
Cloud Infrastructure:	**AWS (EC2, RDS, S3), Acquia, Networking, CDN, DNS, Serverless, CLI, IaC**
Continuous Integration & Delivery:	**CI/CD, RM, VCS, Jenkins, TeamCity, CircleCI, Auto. Scripting, Travis CI**
Testing & Monitoring:	**PHP Unit & Func. Test Coding, JMeter, Behat, Selenium, SonarQube**
SDLC Fundamentals:	**Agile, Jira, Github, Planning, Automation & Migration Support**
Technical Tools & Services:	**WSL2, GitLab, DDEV, Lando, Bitbucket, Docker, Composer, VirtualBox**
Soft Skills & Expertise:	**Continuous Learning Enthusiast with Active Security Clearance & Certifications**

PROFESSIONAL EXPERIENCE

Concept Plus LLC (Federal Contractor: HHS USA)
Senior Drupal Developer
REMOTE | FAIRFAX, VA
DEC.2024 – PRESENT

Develop, Deploy, Maintain and Migrate all Web Applications for Health & Human Services.

- Developed New Features, Proposed Novell Solutions and Integrated Reliable APIs & Services.
- Deployed Code & Configurations to AWS Cloud and Maintained Robust Cloud Infrastructure.
- Streamlined FE using USWDS (United States Web Design System) & Reusable Paragraphs.
- Wrote Connector Modules and Designed Custom Blocks & Plugins for USA Jobs Portal API.
- Archived and Migrated reusable Components & Configurations between Applications.
- Maintained Security Features, Firewalls & Permission Policies and Integrated AMS SSO login.
- Enhanced Unified Web Portal's Search using Apache Solr and Optimized Caching via Redis.
- Wrote Automation Scripts & Ansible Configurations for Content Backup & Delivery Pipelines.
- Established Remote Dev ENVs utilizing WSL, DDEV and Docker based Containerd Sandboxes.

MASTERNODE INC. (Cofounder: Self-employment)
Co-Founder & Tech. Architect
CHICAGO, IL
MAR.2022 – MAY.2024

Co-founded Apps to pool & deploy Blockchain Nodes on AWS Cloud. Developed Drupal PHP BE and FE Portals using Angular SPAs & JS libraries for data visualization & plotting.

- Built Web 3.0 API Gateway as a Drupal 9 Service Module for Chain Analysis & Polling Queues.
- Integrated and Customized D3.js & Charts.js libraries to enhance Data Visualization & Plotting.
- Implemented FE Grid Layout and Reusable Components Workflow using Emulsify toolkit.
- Designed Plugins to execute Smart Blockchain Contracts and trigger the APIs from the GUI.
- Wrote PHPUnit Tests and performed Regression & Smoke testing periodically.
- Maintained Federal Accessibility, Digital Finance, SEO, W3C & WCAG Guidelines and Policies.
- Leveraged AI Tools like CoPilot, Notebook & GPT to automate Services & API Code Generation.
- Confounded the company and managed hands-on Dev. & Delivery of the Digital Platform.

HNI CORPORATION
Senior Drupal Developer

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GLEN ELLYN, IL **|** MUSCATINE, IA
AUG.2019 – MAR.2022
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Built complete E-Comm Solutions, provisioned Cloud Infrastructure & CI/CD Pipelines.

- Migrated legacy Drupal 6, 7, and WordPress Apps into Containerized Drupal 8 & 9 ENVs.
- Installed ElasticSearch Engine and indexed data for consistent cross-site searchability.
- Implemented Lando Service to simplify Docker Containerization & Automated ENV builds.
- Administered Modules, Themes & Vendors and Optimized the Composer Version Constraints.
- Researched and Implemented open-source Web3 & PHP Solutions as Modules & Extensions.

WALGREENS / PHOTON I.T.
Software Engineer

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DEERFIELD, IL
SEPT.2018 – AUG.2019
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Transitioned entire Oracle Ecosystem to a modern PHP CMS and Optimized performance.

- Migrated Oracle Data Structures into Drupal Nodes & Entities and Modeled Type Relationship.
- Decoupled the Frontend using Angular SPA and building a custom API Gateway Module.
- Optimized DBs, configured CDNs, and integrated Varnish Cache to reduce latency.
- Identified bottlenecks through rigorous load testing and debugged them systematically.
- Saved millions replacing Oracle & Support Contracts with Drupal without performance loss.

BUILTIN INC.
Developer

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CHICAGO, IL
JAN.2018 – JULY.2018
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Built listing Apps on distributed cloud containers and Integrated 3rd party APIs & Services.

- Built a modern Drupal Multisite with automated pipelines & workflow per metropolitan area.
- Prototyped and reverse-engineered popular features and wrote Crawlers to automate listings.
- Administered P2C Migration for the Server Infra. and provisioned the Digital Hybrid Network.
- Delivered rapid buildouts under pressure for limited time & minimal resources for the startup.

CAXY INTERACTIVE
Web Developer

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CHICAGO, IL
APR.2015 – JUN.2017
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Built & Maintained a variety of Web/Mobile Apps using PHP MVCs, Drupal CMS & JS Frwks.

- Built FullStack PHP and Drupal CMS Solutions for Chicago Field Museum & Cornell University.
- Contributed Modules & Patches and volunteered as a Maintainer for drupal.org community.
- Wrote entire Unit & Functional testing suites for Drupal, Symfony & Laravel Applications.
- Designed Responsive & WCAG compliant UI/UX and Optimized SEO on Web Applications.
- Supported multiple projects simultaneously, enhancing my Time & Workflow Mgmt. skills.

EDUCATION

NORTHEASTERN UNIVERSITY
B.Sc IN Computer Science

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CHICAGO, IL
DEC.2011
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CERTIFICATIONS

ACQUIA CLOUD PLATFORM
Drupal 8 Foundations

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BACKEND
MAY.2016
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AMAZON WEB SERVICES
Solutions Architect Assoc.

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ASSOCIATE
OCT.2017
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AMAZON WEB SERVICES
Developer Assoc.

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ASSOCIATE
OCT.2017
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