

Edward LeVar Pulliam

Jacksonville NC, 28540

(336) 380-8141

Email: lmaon2466@gmail.com

LinkedIn: www.linkedin.com/in/levar-pulliam-9b037358/

Website: <https://www.levarpulliam.com>

Solutions Development Leader

"A seasoned solutions development leader, I bring to the table a steadfast commitment to excellence, emphasizing meticulous design, unwavering stability, and flawless execution across the entire project lifecycle. With a keen eye for detail and a strategic mindset, I align every aspect of development with the unique requirements and objectives of the business, ensuring that solutions not only meet but exceed expectations. By fostering a culture of innovation and collaboration, I inspire teams to deliver high-quality results that drive organizational success"

TECHNICAL SUMMARY

Project Management: Proficient in Agile methodologies, ensuring efficient project delivery and team collaboration.

Languages: Fluent in Python, JavaScript, TypeScript, HTML, and CSS. Familiar with PHP and Ruby, capable of adapting to various programming languages as needed.

API Development: Skilled in developing RESTful and GraphQL (Federation) APIs using Python and NodeJS utilizing technologies as Apollo, Django-Graphene, and AWS.

UI/UX Development: Proficient in UI/UX development using Bootstrap and Material UI, ensuring intuitive and visually appealing user experiences.

CI/CD: Well-versed in CI/CD practices using GitHub, Bitbucket, Ansible, and Docker. Experienced with automation and deployment tools like AWS Amplify, and Vercel.

Cloud Technologies: Extensive experience with AWS services including ECR, IAM, ECS, S3, Lambda, CloudFront, Route53, Cognito, AppSync, and more. Familiar with Azure Kubernetes and Azure Container Registry (ACR).

Server Virtualization: Skilled in ESXi and Hyper-Flex, proficient in setting up and managing virtualized server environments.

Distributed Systems: Hands-on experience with Docker and Kubernetes for building and managing distributed systems.

Container Orchestration: Proficient in Rancher for container orchestration, ensuring seamless deployment and scaling of containerized applications.

Linux Administration: Experienced in Ubuntu and CentOS administration, including system configuration, maintenance, and troubleshooting.

Frameworks: Expertise in React, Next.js, Django, Flask, Express, NestJS, and i18n, enabling efficient development of web applications.

Databases: Proficient in MySQL and PostgreSQL with familiarity in MongoDB and DynamoDB ensuring efficient data storage and retrieval for applications.

Content Moderation: Skilled in using SightEngine for moderating image, video, and text content, ensuring compliance with content guidelines.

UI Content Optimization: Proficient in ImageKit.IO and Contentful for optimizing component sections, image and video content for improved performance and user experience.

ID / Doc Verification: Experienced in utilizing Trulioo for identity and document verification processes, ensuring secure user authentication.

Authentication Tools: Familiar with Okta and Auth0 for implementing secure authentication mechanisms in web applications.

Web Servers: Skilled in configuring and managing Nginx web servers for efficient handling of web traffic and requests.

Message Brokers: Experienced in RabbitMQ and Redis for implementing reliable messaging and communication between distributed systems.

IP Networking: Possessing CCNP-level expertise in IP networking, with specializations in Service Provider and Data Center networking, ensuring robust and efficient network infrastructure.

Monitoring and Observability: Experienced with Grafana, Zabbix, and CloudWatch.

PROFESSIONAL EXPERIENCE

Resideo (Senior Fullstack Software Engineer) – April, 2022 – June, 2024

Responsibilities:

- Co-developed features across backend and frontend using React and Next.js.
- Participated in troubleshooting efforts throughout the stack.
- Implemented automated scaling mechanisms with Docker and Azure Kubernetes Service (AKS).
- Used TypeScript for creating GraphQL schemas, maintaining Node.js libraries, and scripting deployment processes.
- Designed disaster recovery and failover strategies for distributed systems.
- Orchestrated the development and maintenance of global highly available distributed systems in cloud environments.
- Followed microservices architecture principles for modular subgraph services.
- Implemented authentication and authorization mechanisms.
- Integrated services with ELK stack for logging and auditing.
- Collaborated with stakeholders for database design and data model changes.
- Collected feedback during testing sessions to enhance product quality.
- Integrated multiple data sources using ORMs and custom data layers.
- Deployed NestJS services in Kubernetes.
- Provided documentation and guidance for frontend integration with TypeScript services.
- Established communication channels for integration requirements within the Azure ecosystem.
- Implemented unit and end-to-end testing using Jest.
- Developed event-driven solutions for handling real-time data processing and integrations.
- Implemented Apollo Federation to manage distributed GraphQL services efficiently.

Leadership:

- Mentored junior engineers and provided guidance for career development.
- Led project teams in designing and implementing new features and systems.

Shorelight Education (Senior Software Engineer) – August, 2021 – April, 2022

Responsibilities:

- Designed and orchestrated solutions within AWS cloud ecosystem using Python, TypeScript, React, and Node.js.
- Maintained and modernized legacy systems with Python, TypeScript, Ruby, and PHP.
- Developed APIs using REST (API Gateway) and GraphQL (AppSync).

- Deployed serverless Lambda functions with AWS SAM.
- Spearheaded the development of a global application with i18n internalization using TypeScript and React.
- Fostered collaboration with cross-functional engineering teams.
- Developed event-driven solutions for real-time data processing.
- Implemented infrastructure as code using AWS CloudFormation to manage and automate resource deployment.

Memphis Ventures LLC (Web Application Architect) – January, 2021 – November, 2021

Responsibilities:

- Scoped and designed scalable architectures for social media platforms within AWS ecosystem.
- Analyzed and resolved application issues in TypeScript and React.
- Led development teams and collaborated with co-founders for IT alignment.
- Provided insights for informed decision-making processes and engaged in high-level discussions.
- Participated in the hiring process to select top talent.
- Evaluated and refined application and infrastructure landscape for optimization.
- Developed event-driven solutions to handle large-scale real-time interactions on social media platforms.
- Implemented infrastructure as code using AWS CloudFormation to manage and automate resource deployment.
- Managed payment processing and vendor relations to ensure efficient operations and integration.

Management Experience:

- Managed diverse teams, leveraging effective communication and leadership skills to inspire peak performance.
- Actively participated in the hiring process and managed resource companies to ensure the team had the right skills and expertise.

ACBL (Software Engineer) – February, 2021 – July, 2021

Responsibilities:

- Developed and deployed Python software libraries consumed by numerous backend systems.
- Automated deployment pipeline using GitHub Actions and AWS CodeArtifact.
- Containerized backend solutions for efficiency and performance.
- Designed and deployed applications using Python, TypeScript, React, and Apollo Federated GraphQL.
- Provided recommendations for solution architecture and deployment of microservices.
- Streamlined development and support of cloud infrastructure.
- Implemented Apollo Federation to manage distributed GraphQL services.
- Deployed services in containers to ensure scalability and efficient resource utilization.
- Managed payment processing and vendor relations for integrated systems.

Management Experience:

- Oversaw project teams and ensure efficient delivery of software solutions.
- Coordinated efforts across different departments to align project goals with business objectives.

Cisco Systems (Senior Software and Solution Test Engineer) – July, 2019 – November, 2020

Responsibilities:

- Designed, developed, and led multiple software applications using Django with ReactJS or vanilla JS frontends in a microservice architecture.
- Developed data processing scripts using Ruby.
- Mentored junior engineers and wrote documentation for guidelines and processes.
- Developed REST APIs using Django and Flask with AsyncIO, Pika, Nginx, RabbitMQ, and MongoDB.
- Created a unified device and process automation GraphQL API using Django, RabbitMQ, Celery, Nginx, and MySQL.

- Built a highly scalable real-time messaging and processing ETL solution with GraphQL, RabbitMQ, Django, Celery, TypeScript, HTML, CSS, PostgreSQL, and Docker.
- Developed a resource and asset management system using NodeJS, TypeScript, HTML, CSS, and Apollo GraphQL API.
- Contributed to cross-team collaboration and co-development through GitHub repos, code reviews, and hosting a PyPi server with a software tools library.
- Built and maintained containerized services such as PyPi, DHCP, FTP, Celery Nodes, Nginx, and NodeJS.
- Managed VMware Hyper-Convergence hosting environment and scaling of distributed microservices.
- Maintained Linux administration for servers running Ubuntu and CentOS, including security patching, kernel patching, network configurations, Systemd configuration, logging consolidation, system efficiency, and python virtual environment administration.
- Designed a solution testing environment connecting physical, virtual, and 3rd party equipment with software automation and networking equipment.
- Created test suites to test end-to-end solutions with physical and virtual hardware, software solutions, and APIs using PyATS, PyTest, and Jest.
- Successfully deployed and maintained the CI/CD pipeline using Ansible, GitHub, and Jenkins.
- Conducted regular code reviews with teams for product and development QA.
- Developed event-driven solutions for real-time data processing and integrations.
- Implemented monitoring and observability tools like Grafana, Zabbix to ensure system health and performance.

Cisco Systems (Site Operations Automation Lead) – October, 2017 – July, 2019

Responsibilities:

- Managed and mentored a team of 6 – 8 engineers supporting hybrid network automation solutions.
- Negotiated contracts with vendors for equipment and services to align with business needs.
- Collaborated on multiple successful projects with geographically dispersed teams.
- Partnered with tech leads and architects to develop and deploy complex solutions and integrations.
- Developed automation for solutions using Python, Ansible, VMware, and Docker.
- Experimented with new solution designs and pushed the boundaries of current technology.
- Developed event-driven solutions for handling real-time data processing and integrations.
- Successfully deployed highly complex solutions on time.
- Implemented monitoring and observability tools like Grafana, Zabbix to ensure system health and performance.

Cisco Systems (Development Engineer - Software Automation) – February, 2016 – October, 2017

Responsibilities:

- Developed a globally distributed network automation and testing solution with a micro-service architecture.
- Created a back-end asynchronous processing engine using Python with a dashboard displaying analytics and metrics.
- Facilitated customization and integration of systems by encouraging software engineering teams to adopt emerging standards.
- Introduced methodologies and best practices for product definition, release processes, and application customization.
- Contributed to strategic network planning, design forums, and enterprise network architecture.
- Developed web applications using Django, JavaScript, HTML, CSS, Celery, MySQL, and RabbitMQ.
- Developed event-driven solutions for handling real-time data processing and integrations.
- Developed APIs and integrated various systems using FastAPI for efficient communication and scalability.
- Utilized Docker for containerization and deployment of applications.
- Managed virtualized server environments using ESXi.
- Conducted Linux administration for Ubuntu and CentOS systems.

Cisco Systems (Escalation Engineer / Duty Manager) – September, 2014 – February, 2016

Management Experience:

- Managed and mentored a team of 6 - 8 engineers supporting customer IP network issues.
- Handled customer escalations and high-priority case resolution.
- Participated in on-call support rotation.
- Developed scripts to automate backup processes and scheduled tasks using Python.
- Maintained asset inventory and solution utilization.
- Designed and deployed new customer solutions that are modular and reusable in a lab environment.
- Documented processes and procedures for new solutions and issue resolution.
- Maintained physical and virtual infrastructure.
- Monitored and enhanced security compliance for customer data.
- Provided management and leadership to ensure efficient team operations and effective issue resolution.

Extreme Networks (Technical Support Engineer) – September, 2013 – September, 2014**Responsibilities:**

- Deployed and migrated solutions onsite with customers.
- Provided expert assistance in IP Networking directly to customers in a TAC environment.
- Presented training sessions with customers onsite and remotely.
- Performed consulting and support services with new customer solutions.

Cisco Systems (HTTS Network Engineer) – September, 2012 - September, 2013**Responsibilities:**

- Built recreates in a lab environment of customer networks.
- Maintained a stable queue of customer issues with quick time to resolution average

EDUCATION

High School Diploma (Eastern Alamance High School)

CCNP (Cisco Certified Network Professional R+S)

IMTXR (Cisco IOS-XR Specialist)

CCNA (Cisco Certified Network Associate)

References Available Upon Request