

Junior Eluhu

DevOps & SRE | Senior Software Engineer | Cloud Infrastructure Architect

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PROFESSIONAL SUMMARY

Dynamic Senior Engineer with 13 years of experience architecting scalable cloud infrastructure, driving reliable software deployments, and leading DevSecOps initiatives for global enterprises.

Expertise includes Python, Go, Bash scripting, IaaS, SaaS and cloud platforms (AWS, Azure, and GCP). Proven track record of migrating high-traffic Ad-Tech systems, automating large-scale deployments, and enhancing system reliability for millions of requests per second. Passionate about leveraging cutting-edge cloud technologies to build resilient applications.

Seeking a role in operations where I can innovate, optimize and deploy AI – ML systems at scale.

Core Competency Fields

DevSecOps, Site Reliability, Release & Production Engineering, Software Engineering, Cloud Architecture, Software Deployment, Data Pipelines and Analytics, Infrastructure Automation, Monitoring and Metrics.

Technical Skills

Languages: Golang, Python, Bash, Terraform, Pulumi, Ansible, Puppet.

Tools & Frameworks: Docker, K8s, GH Actions, Kafka, Jenkins, CircleCi, Argo CD, Pipelines.

Databases: PostgreSQL, DynamoDB, Relational Databases, Redis, Redshift, Snowflakes.

Monitoring: CloudWatch, Prometheus, Grafana, Datadog, Sentry, PagerDuty.

AI & ML: SageMaker, TensorFlow, CoPilot Deployment, Agentic & Generative AI Ops.

Analytics: Amazon EMR, AWS Glue, Athena, Dataflow, Kafka, Kinesis, MSK.

EXPERIENCE

Obinex, Remote

Backend Engineer

September 2025 – Present

- Currently building the backend Infrastructure and services for Obinex financial exchange platform. Optimizing engines to deliver impressive performance via our web and mobile applications.
- Obinex aim to become the fastest and most reliable gamified crypto exchange platform.

GitHub, Remote

Senior Software Engineer, GitHub Enterprise Server

May 2022 – August 2025

- Designed Go based tools for GHES deployments on AWS, Azure, and GCP, ensuring seamless delivery for premium clients.
- Contributed to the Release Controller Application. The central part of managing all release processes via Actions and WebHook Events. The tool also managed the release of backup utility tools via GH Artifacts and S3.
- Integrated SAML & OAuth Authentication in cloud environments.
- Led quarterly feature releases and bi-weekly security patches releases.
- Produced GHES Terraform templates to be launched in AWS/Azure for single instance, HA, geo-replica, and cluster configurations.
- Partnered with Security Team to mitigate weekly vulnerabilities, thus enhancing platform integrity.

Key Impact: Reduced release times by 25% and improved product reliability for large enterprise customers.

Mediavine, Remote

Senior Site Reliability Engineer

Apr 2021 – Apr 2022

- Spearheaded migration of Ad-Tech applications from Heroku to AWS, handling millions of Ad bid transactions with 99.9999% availability and reliability.
- Transitioned Dashboard Application to AWS, to enable real-time analytics for publishers so they can optimize revenue.
- Authored documentations, trained teams and, cut SEV1 issue resolution time by 30%.

Key Impact: Application Migration and cut infrastructure costs by half while boosting scalability.

Amazon Web Services

Cloud Developer – DevOps | Seattle, WA

Mar 2019 – Apr 2021

- **Amazon HR (COVID-19 HR Toolset):** Sole owner of AWS account migration and attestation API development.
- **Vanguard:** Designed AppMesh solutions for gateway services.
- **Joint Strike Force (DoD):** Built DevSecOps tools for F-35 program, automating deployments orchestration.
- **Nike:** Orchestrated AI-ML benchmarking with AWS Step Functions, optimizing AI-ML models workflows.

Key Impact: Enabled secure, scalable deployments across diverse client projects.

Datacenter Operations – AZ Build | Paris, France

Jun 2017 – Mar 2019

- Built Europe Regions with a guarantee of 100% Availability.
- Tackled daily infrastructure operations onsite and remotely if possible.
- Ensure the AWS Experience was smooth and outstanding for our Global Customers.

Key Impact: Automated AWS Region Deployment and improved Datacenter Operations

EC2 Systems Engineer – Deployment Services | Seattle, WA

Nov 2015 – Jun 2017

- Deployed packages to EC2 hosts globally including GovCloud and supported EC2 services.
- Designed, developed and built the initial "Equalizer/Inspection Tool" for EC2 pre-prod hosts.
- Participated in the management of EC2 pre-production stack.
- Deployed software processes using python codes, some ruby or bash scripting.
- Participated in operation work via monthly on-call rotation to monitor systems.
- Created and used metrics to monitor software deployments.
- Participated in code reviews, peer-programming and produced wikis.

Key Impact: Focused on Amazon Leadership Principles to provide 100% excellent Customer Service.

Oracle Cerner, Kansas City, MO

Backend System Engineer – CernerWorks (Clients Owner)

June 2014 – Nov 2015

- Replicated & Refreshed Nodes/Domains to meet high-availability, fault-tolerance and scalability for client's large server infrastructure.
- Used task automation to ensure healthy client systems as well as Cerner Millennium Solutions were running efficiently via dashboard observability.
- Executed weekly performance tuning and improvement recommendations.
- Lead Upgrades and Service Package Installs on large server farms.
- Worked on Database Backup, Maintenance, Oracle ASM, SGA Troubleshooting.
- Performed several downtime maintenance events related to Middleware & MQ Upgrade as well as AIX Linux systems such as Daily Print Queue Build and troubleshooting AIX – HP-UX
- Created NAT, DNS Entries, ACLs, Volumes as well as other Linux Administration work.

Key Impact: Lead owner and sole maintainer of Cerner North Atlantic Operation Clients.

Cognizant, Teaneck, NJ

Linux System Administrator – Infrastructure Services

Nov 2010 – Jul 2012

Lead and individually contributed to several clients' projects as a consultant.

- **Putnam Investments:** Provided support for Fixed Price & Risk Applications running in Production Environment. Performed Queries testing before Commit, modified Queries to predict future data using SQL+ and Tableau. Investigate job failure root causes and provided adequate solutions to users. Automated manual reports generation using Excel macro and bash scripts.
- **Walgreens:** Tested and deployed packages (UNIX, WEB and ETL) to Non-Prod & Prod Environment; created and reset PBS GUI credentials; performed user requests such as keyless entry for SFTP requests, Passwordless SSH, modified scripts; basic users & group management, file Systems; helped with Application Server Migration using Apache Tomcat.

Key Impact: Greatly improved the management of client's infrastructures, services and applications.

EDUCATION

Master of Engineering

North Carolina State University, Raleigh, NC

Sep 2012 – May 2014 (in progress...)

Bachelor of Science in Electrical and Computer Engineering

North Carolina State University, Raleigh, NC

Sep 2008 – Jul 2011

CERTIFICATES & EXTRA

- AWS (DevOps | SysOps | Developer | Architect | Security)
- Extreme Network (Specialist | Associates) - Network+
- MIT Professional (Cybersecurity)
- Previous work and sample portfolio & repositories can be shared privately – sample:
<https://junioreluhu.com/resume-details.pdf>