# Ilkhom Karimov

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## SKILLS

### PROGRAMMING

Java • Python • Ruby • Shell
C++ • CSS •PL/SQL • JavaScript

**Technologies:**
Node.js • Django •Rails • Jira • Git

**DevOps CI and CD based on:**
Amazon AWS • Google GCP • Microsoft Azure • Terraform • Docker • Kubernetes • Helm • Jenkins • Bamboo • *Nix • ArgoCD • Serverless • MySql • PostgreSQL • Prometheus • Datadog • Loggly

**Applications:**
IBM Websphere • Apache • Nginx

## EDUCATION

### KONKUK UNIVERSITY

MASTER OF COMPUTER SCIENCE
2007-2009 | Seoul, South Korea
Cum. GPA: 4.0 / 4.0

### TUIT

BS IN ENGINEERING
2003-2007 | Tashkent, Uzbekistan
Cum. GPA: 3.8 / 4.0

### BARRY UNIVERSITY

MASTER OF BUSINESS ADMINISTRATION
2015 - December 10, 2016 | Miami, FL
Cum. GPA: 3.7 / 4.0

## LINKS

Certificates:// certificates
Github:// ilhom-uz
Portfolio:// Portfolio

## EXPERIENCE: FULL TIME

### LATCH INC

SENIOR SITE RELIABILITY ENGINEER
January 2022 - Currently | Remote(New York, NY)
- Implemented automated solution for Service by Service Deployment on AWS ECS.
- Developed Ansible playbooks to install/update on all EC2 instances.
- Developed Terraform modules for new AWS resources.

### MAMBU - 2 YEARS

SITE RELIABILITY ENGINEER
October 2019 - December 2021 | Miami, FL
- SRE on AWS cloud infrastructure fully managed with Terraform code.
- Kubernetes/Docker Implementation for Application migration to EKS platform.
- P1/P2 Incident Management for full infrastructure and Systems on EKS.
- Developed automated Infrastructure Provisioning Solution to decrease provisioning time from weeks to days.
- Build new architecture for monolith application to deploy into AWS Outposts.
- Build and deployed ClamAV mirror architecture in AWS Cloud.

### CHALLENGES INC. - 2 YEARS

DEVOPS / BACKEND DEVELOPER
January 2017 - September 2019 | Miami, FL
- DevOps on AWS EKS, AWS EC2, AWS S3, AWS ELB, AWS RDS(PostgreSQL), VPC based on Ansible, Python, Docker, Kubernetes, Jenkins.
- Developed and deployed automated content filtration application based on Machine Learning, python Django and OpenCV technologies.
- Developed RESTful backend on Rails/Django for multiple mobile applications and deployed into AWS EKS.
- Project Management and Team Lead on several mobile application projects on Atlassian Jira and Agile Scrum methodology.

### UCELL, TELIASONERA - 5 YEARS

DEVOPS / DEVELOPER / INTEGRATOR
July 2009 – Dec 2014 | Tashkent, Uzbekistan
- Integrated, deployed and configured IBM Maximo, IBM Netcool Solutions.
- Developed system administration tools on Python .
- Installed, configured and administered SunOS and *Nix Servers.
- Installed and configured IBM Websphere, Maximo, Netcool Suite.
- Efficiently troubleshooted crashed *Nix OSs and IBM applications.

## EXPERIENCE: INTERNSHIP

### GETIMAGES LLC - 4 MONTHS

SYSTEM ARCHITECT / BACKEND DEVELOPER
September 2016 - December 2016 | Hallandale, FL
- Designed and implemented Server-less architecture solution based on AWS Lambda and other AWS services for Findmypix Face Recognition application on Python programming language Details
- Backend and Web Development on Python/JS programming language.