

Claud D. Park

SOFTWARE ARCHITECT · SECURITY EXPERT

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“Be the change that you want to see in the world.”

Summary

Current Site Reliability Engineer at start-up company Kasa. 7+ years experience specializing in the backend development, infrastructure automation, and computer hacking/security. Super nerd who loves Vim, Linux and OS X and enjoys to customize all of the development environment. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

Education

POSTECH(Pohang University of Science and Technology)

Pohang, S.Korea

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Mar. 2010 - Aug. 2017

- Got a Chun Shin-II Scholarship which is given to promising students in CSE Dept.

Skills

DevOps	AWS, Docker, Kubernetes, Rancher, Vagrant, Packer, Terraform, Jenkins, CircleCI
Back-end	Koa, Express, Django, REST API
Front-end	Hugo, Redux, React, HTML5, LESS, SASS
Programming	Node.js, Python, JAVA, OCaml, LaTeX
Languages	Korean, English, Japanese

Work Experience (5 years)

GETIR

Istanbul, Turkey

FULL STACK DEVELOPER

01 / 2020 - ... (1 year +)

- Developed an application builder platform.

AKINON

Istanbul, Turkey

FULL STACK DEVELOPER

09 / 2018 - 01 / 2020 (1 year 4 months)

- Developed an application builder platform.
- Built fully automated CI/CD pipelines on CircleCI for containerized applications using Docker, AWS ECR and Rancher.
- Designed an overall service architecture and pipelines of the Machine Learning based Fashion Tagging API SaaS product with the micro-services architecture.
- Implemented several API microservices in Node.js Koa and in the serverless AWS Lambda functions.
- Deployed a centralized logging environment(ELK, Filebeat, CloudWatch, S3) which gather log data from docker containers and AWS resources.
- Deployed a centralized monitoring environment(Grafana, InfluxDB, CollectD) which gather system metrics as well as docker run-time metrics.

CODEN

Istanbul, Turkey

FULL STACK DEVELOPER

07 / 2017 - 08 / 2018 (1 year 1 month)

- Implemented RESTful API server for car rental booking application(CARPLAT in Google Play).
- Built and deployed overall service infrastructure utilizing Docker container, CircleCI, and several AWS stack(Including EC2, ECS, Route 53, S3, CloudFront, RDS, ElastiCache, IAM), focusing on high-availability, fault tolerance, and auto-scaling.
- Developed an easy-to-use Payment module which connects to major PG(Payment Gateway) companies in Korea.

FEDERAL SMART

Istanbul, Turkey

FULL STACK DEVELOPER

02 / 2016 - 06 / 2017 (1 year 4 months)

- Lead engineer on agent-less backtracking system that can discover client device's fingerprint(including public and private IP) independently of the Proxy, VPN and NAT.
- Implemented a distributed web stress test tool with high anonymity.
- Implemented a military cooperation system which is web based real time messenger in Scala on Lift.

Projects

ApplicationBuilderPlatform (ABP)

@AKINON

FULL STACK DEVELOPER

- Web-based platform to automate building applications with specified configurations.
- It is used for building EcommerceMobileApp (mobile) and Instore (web) applications.
- I took part in both back-end and front-end development.
- ~javascript, nodejs, mongodb, nosql, mongoose, aws, s3, react, redux, webpack ~

DeploymentPipeline

@AKINON

FULL STACK DEVELOPER

- DeploymentPipeline is a jenkins pipeline to deploy specified app onto test or live platforms.
- It has some steps like cloning repo, downloading configurations, executing commands, deploying applications, etc.
- ~javascript, nodejs, webpack, jenkins ~

EcommerceMobileApp

@AKINON

MOBILE APPLICATION DEVELOPER

- EcommerceMobileApp is a single-codebase, configurable, ecommerce react-native (mobile) application.
- I took responsibility for developing the core features of the application from scratch.
- Additionally, I took vital role in integrating 3rd party tools (platforms, services) like - Google-Analytics, Sentry, Insider, Segmentify, Commencis, Visilabs - that provide analytics, push-notification-integrations, revenue-trackings, event-trackings, product-recommendations, deeplink, crash-reportings.
- It has some steps like cloning repo, downloading configurations, executing commands, deploying applications, etc.
- ~javascript, react-native, redux, expo, webpack, jest, mocha, chai, integration (analytics, push-notification, revenue-trackings, event-trackings, product-recommendations, deeplink, crash-reportings) ~

Instore

@AKINON

FRONT-END DEVELOPER

- Instore is a single-codebase, configurable, ecommerce react (web) application. It is being used in akinon customers' stores to sell products which are not available in store but available on website. I developed and maintained the core features of this application.
- ~javascript, react, redux, webpack, mocha, chai, jest ~

Domino Solutions

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FULL STACK DEVELOPER

- Web and Mobile-based application that enables corporate users to trigger and terminate business workflows over mobile devices.
- The platform is connected to some ERP and CRM software packages like SAP, EBA etc.
- Developed web app with angularjs and maintained back-end part by using dot-net.
- Implemented a stripe payment integration that allows to subscribe selected solutions monthly.
- ~javascript, react, redux ~

MigrosBot

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BACK-END DEVELOPER

- Developed Facebook Messenger Chatbot application for customers' use.
- Created the entire architecture includes network, security, database, API design, cache mechanism, performance, bot-ux-flow, etc.
- Implemented a dynamic image generator that composites product, price, text, font in a nice-looking way.
- Implemented a call center scenario with socket.io which allows customers to chat with the staffs via facebook messenger chatbot.
- Via this app, users can also see the nearest shops, authenticate with the phone number to join campaigns and can do some other cool stuffs.
- ~javascript, nodeJS, mongodb, redis, socket-io, facebook-messenger-api, azure ~

TowApp

@FEDERAL SMART

ANDROID AND WEB DEVELOPER

- Web and Android-based IOT project using BLE and Beacon technologies.
- The project is based on warning users via SMS messages from getting their cars towed.
- Developed an Android proximity tracker app which communicates with a the server.
- Developed a web app to monitorize, manage and define app related stuffs.
- ~android, java, javascript, angularJS, ble, beacon ~

SmartShelf

@FEDERAL SMART

FRONT-END DEVELOPER

- Web and Android-based IOT project using BLE and beacon technologies.
- The project is based on tracking movement of a product by beacon sensors to play the related video on the screen.
- Developed web app of SmartShelf (SS) to manage all operations.
- The project also includes role-based authentication, analytics, charts, dashboards, animations, google maps, interactive maps, inventory management, different language supports.
- ~javascript, angularJS, BLE, beacon ~

Akdeniz

@FEDERAL SMART

FULL STACK DEVELOPER

- Web and desktop-based warehouse management application using EPC GEN-2 RFID technology.
- Maintained codebase and developed new features.
- ~csharp, .net, rfid ~

HgsPark

@FEDERAL SMART

FRONT-END DEVELOPER

- Web-based gate passing application using EPC GEN-2 RFID technology for cars and peoples.
- ~javascript, angularJS, rfid ~