# Career Map Individual / Community year: Company / organization

## KATUSA military service

PLDC Completion

Sencha Ext JS/PHP/XML

ALCOM, AAM Medal

Startup Weekend Hackathon

App for managing leftover food list in fridge

Mobile web screen development using Sencha

presentation award. Prize money 500,000 won

Founding a startup with a planner I met here

08

# Sangmyung University graduate (Computer Science / Bachelor)

• Graduation project : e-book editor / viewer XML, C#, .Net

## Incorrect Answer Note (iOS App)

- A mobile app that allows you to take a picture of the wrong question on the test paper and mark it and try again later
- 5 team members (iOS, Android, design x2, planning/operation)
- Communicate with tools such as Google Docs with almost no real meetings,
- A total of 3 months for self-study (Object-C), planning, and development
- Won a prize in the KT iPhone App Contest. Prize money 600,000 won
- ZDNet article interview article

# MyPick (Web App)

- Overseas direct purchase shipping agency information comparison service
- 3 team members (design & development, planning, development)
- Java, Jquery, Twitter Bootstrap, NodeJS, Express, **AngularJS**
- Ionic (Web App) framework / Sencha Ext JS

12

# Elastic Korea User Group (Facebook)

- Found Elasticsearch while looking for Splunk for log analysis development
- Established a community on Facebook. Browse blogs, SNS, etc. to discover users and invite
- Announcing Elasticsearch at the OKJSP (Java) Community Meetup
- Facebook group link to Korean official community on Elastic homepage
- February 2014 Korea's first Elasticsearch meetup. 12 people participated. Featured in the Elastic Newsletter.
- Joined Elastic at the invitation of Elastic after the startup closed.
- Presented at the 1st online conference of Strange Gathering. Most viewers voted.
- Periodically open community meetups: maximum number of attendees 12 → 180
- In addition to Elastic technology, lectures at various conferences and universities on topics such as Silicon Valley startup culture / remote work
- Running an Elastic User Group YouTube Channel

17

# writing

"Get started with Elasticsearch" – Wikibooks. Out of print after the 3rd printing

19

2 articles about Elasticsearch in Microsoftware magazine

18

# Samsung SDS

07

06

# Own Startup (co-founder)

# Elastic (no.1 local employee)

20

22

# Public Procurement Service

- · feature development
- Customer Support
- PL (outsourcing)

## Costa Rica e-Government

09

- functional analysis
- customer care

## Health Insurance

 feature development

10

team management

# cloud based Copyright log analysis settlement system

- · Systems Architect, Business Function Definition, Development
- Building infrastructure, writing technical documents
- DevRel / Marketing: Community operation, lead creation, Meetup, conference presentation, demo writing, BBL, blog, webinar, e-book, mentoring, industry-university cooperation
- Technical Support / SA / Consulting: Problem solving POC, systemtuning, config
- Education: Official training for Elastic at home and abroad
- Local business: Establishment of a Korean branch, connection between headquarters and domestic customers, onboarding of new local personnel, Korean business

- Java, Servlet, JSP, XML, Weblogic, Jetty
- HTML, JavaScript (Ajax, JQuary)
- Oracle SQL, Subversion

AWS, Hadoop, Splunk, Elasticsearch

canceled by communicating with AWS

- NodeJS, Twitter Bootstrap, AngularJS, Markdown
- Github, Travis, Web crawler (Java)
  - Hacking during AWS operation, personal cost of 3 million won →
- Attempt to crawl and unify UCI (Univ. Content ID) for each service
  - Tried to maintain business in various ways, such as participating in government projects, but failed to commercialize

- Elastic Stack, Lucene, Search technology
- AWS, GCP, Azure, Docker, K8s, ML
- Yaml, GoLang, React, NextJS, GeoJson, EUI

# Full loading of some pages → improved with asynchronous (ajax)

- SQL tuning, memory leak fix, UX improvement
- Publication of technical new sletters within the team, study group reading (HTML5, Android)
- Completion of the schedule while minimizing overtime for the team during Shimpyeongw on team reading

- Local community members  $0 \rightarrow 8k$  / Employees  $0 \rightarrow 00$  / Customers  $0 \rightarrow 000$
- Referring to my own demo, a junior developer sent a thank-you email that the company announced and became a full-time employee from an intern.
- Recruitment of Elastic Korean employees through the community
- Elastic Certification: 1st in Korea, 7th in the world
- Contributed to the application of maps of cities, counties and districts in Korea to the Elastic Map Service
- University student mentoring → presented at the global ElasticOn conference

# Skills and Abilities

## language ability

**Korean**: mother tongue **English**: available for work

- belonging to a global company
- Korean/English blog writing, translation
- Conference Presentations (Thailand, Japan)
- Technology training (Singapore, Hong Kong)

Russian: Basics / Survival

• Lived in Moscow for 3 years in his early teens

# Personality / Relationships

Are analytical and tend to listen rather than lead conversations

Personality to promote persuasion and dispute resolution through understanding and empathy Identification of the cause of the problem for the unreasonable situation

Diversity

I tend to be quiet in conversations with many people, but actively lead conversations in professional fields I know well.

Excellence in explaining and persuading new technologies/concepts that the other party does not understand

# problem solving skills

He tends to enjoy solving difficult problems and is excellent at seeing the overall picture and thinking from a new point of view rather than facing the problem.

- Demand to write an analysis script that classifies @timestamp values by quarter → Separate new branch fields to save values and remove and use scripts → Logic simplification and performance improvement
- Instant demo request in an environment isolated from the outside → Data index by writing a bulk script using excel → Building and demonstrating a demo screen

# Skills: Covered until recently, comparatively excellent

#### **Elastic Stack**

- · Elasticsearch Query DSL, Painless Script
- Architecture conception, installation, cluster configuration, scale sizing, error detection, tuning
- Data mapping (schema) conception, data cleansing, cluster setup
- Logstash, Ingest Pipeline collection, conversion pipeline script
- Building a Kibana Visualization Dashboard
- Rest API / Json Data
- Proxy environment configuration using Nginx
- Issuing and setting up SSL encryption certificates
- Observability environment configuration, operation and analysis

## Programming / Infra / Cloud Service

- NodeJS: Data conversion program, etc.
- AWS: S3 Static Pages Blogging Hexo, Markdown Builds
- GCP: instance creation, network configuration, etc. with gcloud console commands
- Linux-based OS environment setting, use of package manager
- NodeJS-based environment setup and build such as npm and yarn
- Configuration to run as kibana service with PM2

## **Content Create / Documentation**

- Blog / Technical Articles / Hands-on Lab Articles / Creating Example Datasets
- Conceive and implement a demo with an easy-to-understand story
- Various webinars and training videos over 100 hours
- Habit of organizing necessary materials by category
- Use of various functions in spreadsheets (mostly used by Google Docs)

## **Communication / Training**

- Opening and operating a community with 8,000 online subscriptions and 300 active users
- More than 500 domestic/overseas conference presentation experience
- Regular technical seminars and training, hands-on
- University student team project / technology / career mentoring

# Skills: level that has been covered time ago or has only basic experience

#### **Programming**

- .Net / C# / Java, JSP, Spring, Servlet Used at work 10 years ago
- GoLang, TypeScript Development environment configuration, tutorial program development.
- Django / Python Development of a wayfinding program for events at the PyCon booth

## AI / Machine Learning

- Take Introduction to Neural Networks Online
- Understand concepts such as KNN, ANN, Text Embedding, Classification, and NER

#### Cloud / Container

- Concepts of Docker containers, images, etc. configuration build experience.
- Understand the concept of K8s Pods, how they work, etc.

# Valuable Experiences and Achievements

## Samsung SDS: Improvements voluntarily, not ordered

- Improving inefficient UX: drop-down selection → drag-and-drop
- Improvement of page reloading to asynchronous data loading using Ajax
- By redistributing/managing work according to ability and efficiency of each team member who was leading in a malicious project, testing was completed within schedule by minimizing overtime and weekend work.

## Own Startup

- Independent development of necessary functions and tools: Admin function screen, web crawler
- AWS server hacked → Indemnity through communication with AWS

## Elastic: Remote work / From zero / Self Motivation

- DevRel job experience since the days when there were almost no DevRel jobs
- Simultaneous performance of various duties such as DevRel / SA / Support / HR
- Involved in establishing a Korean community at zero, establishing a branch office, and recruiting local talent.
- Spreading company products, brands, and technologies by finding the right place. It spread to the extent that even people meeting for the first time put Elastic stickers on their laptops.
- Find prospective customers in Korea and connect them with our business team.
- Always find what you need from zero without the manager's instructions or the organization's big plan, and plan and execute → lead to performance (brand awareness, number of customers, sales growth)
- Product Feature Contribution Elastic Map Service South Korea Map
- A large number of people who have been helped to get a job by created contents (blog, video)
- Introducing remote work and Silicon Valley corporate culture to domestic developers/students

# Desired Organization, Job, Conditions

# Prefer organizations that: (It doesn't have to be 100%, but it's the best)

# **Growing organization**

Quick decision-making and execution

## **Horizontal Culture / Diversity**

- All members can freely express their opinions
- Active communication and information exchange between members
- Calling by name + without title
- Respect for individual tastes and preferences
- A culture where you can freely collaborate with other teams even if it is not your own work
- Contribute to external communities

#### Tools support

- Services such as AWS and GCP (to a large extent) can be used autonomously
- We are not stingy in investing in equipment/programs that our members need.

### working conditions

- Free commuting time adjustment / remote work
- Prefer Gangbuk area in Seoul (living in Goyang-si, Gyeonggi-do)

#### Globalized

- Opportunity to collaborate with overseas customers/partners
- Overseas work opportunities (except for some non-preferred countries)

# Do not prefer organizations that:

- Opposite of what was mentioned above
- Cannot send messages directly to decision makers
- work attire is fixed
- Information is not shared with everyone
- If there is a site that is blocked from being accessed from the company network or payment device
- Meeting other employees in the same industry / not allowing private gatherings

# I am interested in the following jobs I prefer to do more than one job at the same time

## DevRel: (Experience High | Preference High)

- · Establish, manage, and support developer communities
- Building a developer culture within your organization
- Organizational product and technology branding and dissemination

# Product Marketing / Technical Writer: (Exp. H | Pref. H)

- Create product demos / example stories
- User manual preparation / training such as hands-on

## Product / Team Management : (Exp. M | Pref. M)

- Product function design / function specification / roadmap establishment
- Development Team / Project Progress Management

## Infra / DevOps / SRE (Exp. Low | Pref. High)

- CI/CD tool operation and management
- Work process automation / product build, virtualization management
- Cloud Service (AWS, GCP, etc.) operation management
- Development of business tools (Slack App, Webhook API, etc.)

## Search Service Development (Exp. H | Pref. M)

- Search strategy design / search engine construction
- Promote a better search experience for users

## Data Engineer (Exp. H | Pref. M)

- Data ingestion pipeline configuration
- Data query/aggregation/visualization
- Derive insights → value creation

## SA / Consulting / Support (Exp. H | Pref. L)

- Analyze customer problems and propose solutions through our products and technologies
- Preference Tuning / POC

# Do not prefer jobs that:

- Working at a customer company and receiving instructions from a customer
- Tasks with unrealistic deadlines
- A job that only handles given tasks without coordination of opinions

# It seems like a good fit for an organization like the one below

- Foreign companies entering Korea (Asia)
- Domestic companies expanding overseas
- A small-sized company where each member has to perform a variety of roles
- · Companies that focus on open source products
- A company that has a close relationship with the community
- Enterprises using various cloud-based tools for their work

# Requests and Agreements

#### Baseline

- Base salary above industry average
- 4 major insurances / basic working conditions such as annual leave

## negotiable conditions

- Remote work / whether remote work is possible
- Company Location Preferred North-West side Seoul (currently living in Goyang-si, Gyeonggi-do)
- Stock Option / RSU
- Flexible vacation
- Other Organizational Advantages

# Reference

# Private Channel / SNS

• Email: kimjmin@gmail.com

• Blog : <a href="http://kimjmin.net">http://kimjmin.net</a>

• Linkedin: <a href="https://www.linkedin.com/in/kimjmin">https://www.linkedin.com/in/kimjmin</a>

• Github: <a href="https://github.com/kimjmin">https://github.com/kimjmin</a>

• Facebook : https://www.facebook.com/kimjmin81

Twitter: https://twitter.com/kimjmin

• Instagram : <a href="https://www.instagram.com/kimjmin81">https://www.instagram.com/kimjmin81</a>

# Conference / Webinar Videos

- <u>KR Elastic User Group Youtube</u> > 50 clips
- Elastic Get Started series 29 clpis
- <u>Elastic private account</u> 16 clpis
- <u>elastic.co Webinar</u> > 20 clips
- **EMOCON** 2015
- <u>DevRelCon Tokyo</u> 2018
- <u>PyCon Korea</u> 2020, 2021, 2022
- <u>Datayanolia (Play Data)</u> 2020, 2021, 2022
- OpenUp (NIPA) 2020, 2021
- SangMyung University Data Concert 2022- 8 Teams Mentoring

## Web Pages

- Blog <a href="http://kimjmin.net/tags/#Elasticsearch">http://kimjmin.net/tags/#Elasticsearch</a>
- Elastic GuideBook <a href="https://esbook.kimjmin.net">https://esbook.kimjmin.net</a>
   (About 300 pages in hard copy)
- http://elastic.or.kr React, NextJS

#### Book

• [wikibooks] 시작하세요 엘라스틱서치 (2015-02) – 3<sup>rd</sup> / out of print https://wikibook.co.kr/elasticsearch/

#### Press

- [Zdnet] my own incorrect answer note app came out (2010-12) https://zdnet.co.kr/view/?no=20101216095042
- [Blotter] The company is a US startup, working in Korea (2015-12) https://www.bloter.net/newsView/blt201512230001

## Code Contribution

Korean Municipalities at Elastic Map Service
 https://github.com/elastic/ems-file-service/pull/74
 https://maps.elastic.co/#file/south\_korea\_municipalities