Lisa Sunhwa Han

Software Engineer

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SUMMARY

A creative software engineer with 13+ years of experience leveraging JavaScript to build responsive websites and interactive features. Technical, hard working, diligent, highly organized, personable, team player and a great problem solver.

SKILLS

- **Language**: Javascript(ES5 and ES6+), Python, PHP, C, C++, C#, CSS(flex), Sass(Scss), Stylus, Pug, HTML, BASH, Perl
- **Frontend**: React.js, Redux, Next.js, Vue.js, Axios, Angular.js, Gatsby, JQuery, Google maps, npm, webpack, Bootstrap, Apollo, GraphQL
- **Backend**: Node.js, Flask, FastAPI, Java, Java Spring,
- **Database**: PostgreSQL, MySQL, Redis, Oracle, Firebase, MongoDB
- **Cloud**: AWS, Google Cloud, Heroku, Netlify
- **Tools**: Git, SVN, Docker, Photoshop

PORTFOLIO PROJECTS

1. lyntour.com : Tourism information website based on bloggers' input
   Next.js, Apollo, GraphQL, Bootstrap5, Material UI-5, Javascript ES6+, CSS, HTML, webpack, npm
2. movie-matcher.lisa7h.com | github : Movie Matcher
   React, Redux, Axios, Javascript, HTML, CSS, webpack, npm
3. jump-game.lisa7h.com : Jump game
   React, Javascript ES6+, CSS, HTML, webpack, npm
4. yokose.lisa7h.com | github: stock and financial index information and notification system
   React, Redux, Axios, Javascript, HTML, CSS, E-Charts

PROFESSIONAL EXPERIENCE

FleetUp, San Jose, USA / Software Engineer   Feb 2019 ~ Now
- Implemented new features and maintained the daily operation of fleet management system: sortable data table system, implemented new device types such as dashcams and air filters and improved fleet tracking UI on the map, AI-Dashcam report generate
- Implemented internal solutions: Billing and revenue tracking application(Statistics, Changes, Search Combo Box & Summary, Export Billing Details & Export Report), Customer service tracking solution(marketing solution, Customer Usage Summary Report), Device activation and assignment solution(Account search list, Assignment History, VIN Decoder, Cable Auto Suggestion). Lambda API Optimization. Optimization of the Lambda cold start problem.
- Designed and implemented RESTful web service APIs and algorithms for Business Intelligence utilizing Java and Spring
- JavaScript, Angular.js, React.js, Vue.js, Axios, AJAX, CSS(flex), Sass(Scss), Stylus, Pug, Bootstrap, jQuery, DataTables, jqGrid, EasyUI Library, Google map, Node.js, Java, JSP, Java Spring, Oracle DB, Tomcat Apache, AWS

Software Engineer (Intern) / Wisen.space, Palo Alto, USA   Oct 2018 ~ Feb 2019
- Develop the functionality for kids educational coding practice web solutions.
- Built a chatting system for teachers and students with node.js web socket.
- JavaScript, Node.js, CSS, jQuery, MongoDB, Git, RDMS AIP

US Green Card Process   2015 ~ 2018
- Waited as a dependant while my spouse was in process

Software Engineer / Merlion Software, Vancouver, Canada   Apr 2009 ~ Dec 2012
- Designed and developed several architectural web applications with the collaboration with architectural software company "Virtual Builders" in South Korea.
- PHP, Javascript, jQuery, CodeIgnitor, MySQL

Software Engineer / Youl Systems, South Korea   Aug 2003 ~ July 2005
- Developed and maintained Digital Library System of KEPCO (Korea Electric Power Corporation) with Javascript, ASP, COM+ and Visual Basic
- Designed and maintained Portal System of KEPCO with Windows Server 2003, IIS 6.0, Oracle, ASP
- Maintained Hummingbird Database and Search Engine 5.1 for KEPCO

Software Engineer / Korea Dotcom, South Korea   Mar 2002 ~ Aug 2003
- Designed and developed Banking Transfer Engine Solution backed with XML and Oracle
- Participated in the upgrade of integrated repeater management system with Visual C++ for KTF(Korea Telecom Freetel), SVN
- Administered the Korea Dotcom corporate website running on Windows 2000 server with IIS5.0 and MS Exchange Server

Software Engineer / Daol Soft, South Korea   Feb 2001 ~ Mar 2002
- Developed the extension plugin for desktop publishing system Quark XTension for Windows and Mac
- Developed Filegate website on Windows 2000, Linux, PHP and MySQL
- Created i-yah.com A3 XML Viewer worksheet print program on Windows 2000 server with Tomcat 3.0, JSP, JAVA Beans, XML and XSL
- Built ebook contents system from XML/XSL DATA on Linux, Tomcat 3.0, JSP, Java Beans

Software Engineer / Sial Tech, South Korea   Oct 1999 ~ Feb 2001
- Created and maintained corporate and client website on Windows NT server, Active Perl, CGI and ASP
- Implemented Investor Management System with Visual Basic
- Developed the plugin software for Quark XTension on Mac

EDUCATION

2001, Visual C++ Object-Oriented Programming Courses, Joongang IT Engineering Academy, South Korea
2000, Certificate of Completion, Informix Database, Informix Korea, South Korea
1999, Teaching Certificate of Science and Physics, Chonbuk National University, South Korea
1999, Bachelor of Science in Physics, Chonbuk National University, South Korea

LANGUAGE SKILLS

English : Fluent / **Korean** : Native

VISA STATUS / CITIZENSHIP

US green card holder and Canadian citizen.