



# Javkhlan Gansukh

## Software Development Engineer

📍 Seoul, Korea

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### Contact

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### References

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[github.com/javkhlan-g](https://github.com/javkhlan-g)

### Skills

Software development

Research

System architecture & analysis

Complex problem solving

Creative thinking

### Language

English proficient

Mongolian native

Korean beginner

### Programming skills

Python, PHP, NodeJs, Java, C/C++, C#, JSP, ASP.NET, Javascript, HTML5, CSS3, SASS/LESS, Spring boot, Spring Cloud JQuery ExtJs, Symfony, Laravel, Django, Django rest framework, Express Application Framework, ORACLE-ADF, Ionic, Bootstrap, MongoDB, Google Firebase, Oracle, PostgreSQL, MySQL, MSSQL, SQLite, Docker, VMware, Amazon Web Service, Google Cloud, Linux, Windows

## SUMMARY

I'm a proactive and innovative software developer with 10+ years of hands-on experience contributing, leading the development of integrated software solutions, mostly banking, airline, and blockchain-based financial systems. I have become passionate about distributed systems development, system architecture in the last 3 years. In addition, curious learner and intellectual adventure seeker.

## EXPERIENCE

Apr 2019 - Present

**Blockchain researcher, software developer at Korfin Holdings**

Seoul, South Korea

Research blockchain technology, Develop the ASTA blockchain core, and related systems development.

Apr 2018 - Sep 2018

**Full Stack Developer at GetFiveStars**

San Jose, Ca, USA

Responsible for developing new features and maintaining customer's issues Omnichannel project.

Sep 2013 - Sep 2019

**Senior software engineer at Chinggis Khaan Bank**

UB, Mongolia

Managing implementations, maintaining of new projects for digital banking, and upgrade to existing services in order to provide efficient and accurate digital banking services to the Bank's customers.

Jun 2011 - Sep 2013

**Senior Information Technology Engineer at Aeromongolia Airlines**

UB, Mongolia

Developing & Maintaining the "Airline Enterprise System".

Jun 2009 - Oct 2011

**Software Development Engineer at Baztech**

UB, Mongolia

Led an engineering team for the accounting ERP system development.

## EDUCATION

Sep 2005 - Jun 2009

**National University of Mongolia**

Ulaanbaatar,  
Mongolia

Bachelor of Computer Science in Software Engineering,  
Mathematics and Computer Science

## BLOCKCHAIN RESEARCH AND DEVELOPMENT EXPERIENCE

Blockchain network • Crypto Currency • Smart Contract • Coin • Token • Subchain • Wallet • Block • Miner • Mining • Fee • Memory pool • Transactions • Consensus • PoW • PoS • peer-to-peer/p2p network • RPC • Digital signature • Private key • Public key • Mainnet • Testnet • Distributed ledger • Decentralization • Node

## SOFTWARE DEVELOPMENT EXPERIENCE

Banking systems • Financial systems • Fintech • E-commerce Systems • System Architecture • System Design • Microservice • Cache • In-memory database • Spring Cloud • MVC • ORM • Object-Oriented Programming • Functional Programming • Wireframing • CSS Layout / Grids • Mobile Web Performance • Version Control (GIT, SVN) • Data Structure • Data APIs (e.g Restful API) • Regular Expressions • Task Runners, Build Tools, Process Automation Tools • Responsive Web Design • JavaScript • CSS • Charts • UI Widgets • Command Line / CLI • Templating Strategies • Templating Engines • Single Page Applications • XHR Requests (AJAX) • Unit testing • Documentation

PROJECTS

<b>Asta</b> Apr 2019 – Present Blockchain-based financial platform.	Blockchain researcher, Software engineer C/C++, NodeJs, Python, MongoDB
<b>GetFiveStars.com   Gatherup.com</b> Apr 2018 – Sep 2018 GatherUpTM (formerly GetFiveStars) is a customer experience and online review engine that enables insights, empowers marketing and converts customers.	Full-stack developer Symfony framework, PHP5.6, MySQL, JQuery, AJAX, Twig, PHP-Unit, Mockery , Redis, Nginx, Linux, Git, BitBucket
<b>Internet Bank</b> Aug 2016 – Feb 2018 Internet Banking gives to the customers access to all of the banking services from any device with internet access for banking at your convenience in real-time.	Senior developer Symfony-4 Flex Framework Restful API, Oracle 12c, Angular
<b>Smart bank mobile application</b> Aug 2016 – Feb 2018 This application is created for the bank customers who can do the financial transaction service using a mobile device such as a mobile phone or tablet.	Senior developer Symfony, Ionic hybrid mobile framework, Angular 4
<b>SMS Info</b> Apr 2016 – Aug 2016 The software is SMS based banking notification services for customers.	Senior developer Spring boot, Oracle, Java, Linux
<b>SMS Bank</b> Aug 2015 – Dec 2015 This software is SMS based banking service for the customers. Make a transaction, check an account balance, get account statement, open an account, close an account etc...	Senior developer Spring boot, Oracle, Java, Linux
<b>Online tender</b> Jan 2015 – Apr 2015 Government e-tender client software for the bank	Senior developer Oracle, Java, Linux
<b>E-tax payment</b> Jan 2014 – Apr 2014 This software allows to the customers to pay their tax payment through digital banking	Software developer C/C++, Spring boot Java, Oracle
<b>Customs payment</b> Mar 2014 - Jun 2014 The software in order to pay customers customs payment through the digital banking	Software developer C/C++, Spring boot Java, Oracle
<b>OTP</b> Aug 2015 - Oct 2015 A one-time password (OTP) is a password that is valid for only one login session or transaction, on a computer system or other digital device.	Software developer Java, JSP, Oracle
<b>POS API</b> Feb 2015 - Jul 2015 Operating the bank's card transactions and verifies customer's cash transactions as well as integrating them into TAX system	Software developer C/C++, Oracle, Linux

<b>Bank API</b> Feb 2015 - Jul 2015 Operating noncash transactions of the bank as well as integrating it into the TAX system	Software developer C/C++, Oracle, Linux
<b>E-Office</b> Apr 2014 – Oct 2016 Business process automation and managing system. This system is consisted of Human resource management, Time attendance, Payroll, KPI, Planning & Report, Contracts, Document database, Inventory management	Software developer Lotus script(IBM), Formula language(IBM), Lotus notes Symfony, Mysql, Bootstrap
<b>Traffic Accident Information System (TAIS)</b> Jan 2013 - Jun 2013 Traffic accident prevention information is processed and delivered to the TRAFFIC POLICE CENTER	Software developer Oracle 11g, Java, Oracle Application Development Framework(ADF), WebLogic, JDeveloper, Windows, Linux
<b>Aeroticket.mn</b> Dec 2010 – Oct 2016 Enterprise airline system. It has included those systems <ul style="list-style-type: none"> <li>◦ Flight operating</li> <li>◦ Ticket reservation</li> <li>◦ E-Commerce, Online booking system</li> <li>◦ Boarding system</li> <li>◦ Check-In system</li> <li>◦ Agents &amp; Representatives</li> <li>◦ Financial reporting system</li> <li>◦ Administration system</li> <li>◦ Catering</li> <li>◦ Cabin crew</li> <li>◦ 3rd party system integration RESTFUL API services</li> </ul>	Team leader   Senior developer PHP, Oracle 10g, Xajax, ExtJ, JQuery, HTML, JSON
<b>Online booking airline ticket</b> Sep 2010 - Nov 2010 A ticket reservation, payment and ticketing sales online / e-Commerce system	Senior developer PHP, Oracle10g, JQuery, Windows
<b>Boarding Pass, Check-in</b> Sep 2010 - Dec 2010 Passenger Registration System / check-In at the Airport	Senior developer PHP, Oracle 10g, Linux
<b>BazAccounting</b> Jul 2009 - Jun 2010 Enterprise Accounting System. This system is consisted of the following systems <ul style="list-style-type: none"> <li>◦ Core accounting</li> <li>◦ General ledger</li> <li>◦ Payroll</li> <li>◦ Human resource</li> <li>◦ Time attending</li> <li>◦ Loan</li> <li>◦ Inventory management</li> <li>◦ Financial reporting system</li> </ul>	Senior developer C# - Express Application Framework (XAF), Oracle 11g
<b>Post SMS</b> Jan 2009 - Dec 2010 This system was developed for mail tracking service in “Mongol Post” which company is the biggest delivery service company in Mongolia and their branches are located around the world. The software is connected to the core system of the “Mongol Post”. So anytime, their customers can track their packages from anywhere.	Software developer PHP, Oracle 10g, Linux