Javkhlan Gansukh

Software Development Engineer

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Contact

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References

linkedin.com/in/javkhlan-gansukh

github.com/javkhlan-g

javkhlan-g.github.io

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.

Skills

Software development

Research

System architecture & analysis

Complex problem solving

Creative thinking

EXPERIENCE

Apr 2019 - Present
Seoul, South Korea

Blockchain researcher, software developer at Korfin Holdings

The global cryptocurrency exchange system development, improvements of the blockchain core, trading matching engine, and blockchain technology research.

Apr 2018 - Sep 2018
San Jose, Ca, USA

Full Stack Developer at GetFiveStars

Confirmed that completed software met client requirements. Completed maintenance on existing programs. Carried out continuous identification, measurement, and improvement of processes.

Sep 2013 - Sep 2019
UB, Mongolia

Senior software engineer at Chinggis Khaan Bank

Designed and developed with the various technologies to improve the availability, scalability, latency, and efficiency of the Digital Banking products.

Jun 2011 - Sep 2013
UB, Mongolia

Senior Information Technology Engineer at Aeromongolia Airlines

Developed Ticket reservation system, Flight operating system, Check-In system, Boarding system, E-Commerce, Online booking system, Agents & Representatives system , Boarding system, Catering, 3rd party system integration RESTFUL API services

Jun 2009 - Oct 2011
UB, Mongolia

Software Development Engineer at Baztech

Led an engineering team for the accounting ERP system development. Worked with engineering team to explored and created new design / architectures, code and design review to maintain high development standards

Language

English full work proficient

Korean beginner

Mongolian native

Programming skills

Java, PHP, NodeJs, Python, C#, JSP, ASP.NET, Spring boot, Spring Cloud, Symfony, Laravel, Django, ORACLE-ADF, MongoDB, Google Firebase, Oracle, PostgreSQL, MySQL, MSSQL, SQLite, Docker, VMware, Amazon Web Service, Google Cloud, Linux, Windows

EDUCATION

Sep 2005 - Jun 2009
Ulaanbaatar, Mongolia

National University of Mongolia

Bachelor's degree Computer Science in Software Engineering, Mathematics and Computer Science

BLOCKCHAIN RESEARCH AND DEVELOPMENT EXPERIENCE

Blockchain network • Crypto Currency • Coin • Token • Subchain • Wallet • Block • Miner • Mining • Fee • Memory pool • Transactions • Consensus • PoW • PoS • RPC • Digital signature • Private key • Public key • Mainnet • Distributed ledger • Decentralization • Node

SOFTWARE DEVELOPMENT EXPERIENCE

Banking systems • Financial systems • Fintech • Crypto exchange • Trading system • E-commerce Systems • System Architecture • System Design • Microservice • Cache • MVC • ORM • Object-Oriented Programming • Functional Programming • Data Structure • Restful API • Data streaming • Task Runners, Build Tools, Process Automation Tools • Command Line / CLI • Responsive Web Design • Templating Engines • Unit testing • Documentation

PROJECTS

Wefinan.com
Apr 2019 – Present

Blockchain researcher, Software engineer
C/C++, NodeJs, Python, MongoDb

The global cryptocurrency exchange system development, improvements of the blockchain core, trading matching system, and blockchain technology research.

GetFiveStars.com | Gatherup.com
Apr 2018 – Sep 2018

Full-stack developer
Symfony framework, PHP5.6, MySQL, JQuery, AJAX, Twig, PHP-Unit, Mockery , Redis, Nginx,Linux, Git, BitBucket

GatherUpTM (formerly GetFiveStars) is a customer experience and online review engine that enables insights, empowers marketing and converts customers.

Internet Bank
Aug 2016 – Feb 2018

Senior developer
Symfony-4 Flex Framework Restful API, Oracle 12c, Angular

Internet banking allows customers to access all types of banking services from any device connected to the internet regardless of space and time.

Smart bank mobile application
Aug 2016 – Feb 2018

Senior developer
Symfony, Ionic hybrid mobile framework, Angular 4

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.

SMS Info
Apr 2016 – Aug 2016

Senior developer
Spring boot, Oracle, Java, Linux

This software is a mobile banking service based on USSD technology to make it easier to use and more secure.

SMS Bank
Aug 2015 – Dec 2015

Senior developer
Spring boot, Oracle, Java, Linux

This software is SMS based banking service for the customers. Make a transaction, check an account balance, account statement, open an account, close an account etc

Online tender
Jan 2015 – Apr 2015

Senior developer
Oracle, Java, Linux

Government e-tender client software for the bank

Bank API
Feb 2015 - Jul 2015

Software developer
C/C++, Oracle, Linux

All of banking transaction data processed by the Bank API system. The processed data integrates into the Mongolian National Tax System

Customs payment
Mar 2014 - Jun 2014

Software developer
C/C++, Spring boot Java, Oracle

The software allows to customers customs invoice easier pay through the digital banking applications

Bank OTP
Aug 2015 - Oct 2015

Software developer
Java, JSP, Oracle

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.

E-tax payment
Jan 2014 – Apr 2014

Software developer
C/C++, Spring boot Java, Oracle

The software allows to customers tax invoice easier pay through the digital banking applications

POS API

Feb 2015 - Jul 2015

Software developer

C/C++, Oracle, Linux

All of domestic and international card transaction data processed by the POS API system. The processed data integrates into the Mongolian National Tax System

E-Office

Apr 2014 – Oct 2016

Software developer

Lotus script(IBM), Formula language(IBM). Lotus notes
Symfony, Mysql, Bootstrap

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

Traffic Accident Information System (TAIS)

Jan 2013 - Jun 2013

Software developer

Oracle 11g, Java, Oracle Application Development
Framework(ADF), WebLogic, JDeveloper, Windows, Linux

This system's purpose is to prevent traffic accidents and reduce accident numbers and reduce traffic jams. This system analysis all over traffic data in real-time and identifies black spots predicts traffic jams and accidents. As well as it processed data distributes over 3-rd parties. As a result, the accident number reduced up to 8%, and traffic jams reduced by 15%.

Aeroticket.mn

Dec 2010 – Oct 2016

Team leader | Senior developer

PHP, Oracle 10g, Xajax, ExtJ, JQuery, HTML, JSON

Enterprise airline system. It's consists of the following systems

- Flight operating
- Ticket reservation
- E-Commerce, Online booking system
- Boarding system
- Check-In system
- Agents & Representatives
- Financial reporting system
- Administration system
- Catering
- Cabin crew
- 3rd party system integration RESTFUL API services

Online booking airline ticket

Sep 2010 - Nov 2010

Senior developer

PHP, Oracle10g, JQuery, Windows

A ticket reservation, payment and ticketing sales online / e-Commerce system

Boarding Pass, Check-In

Sep 2010 - Dec 2010

Senior developer

PHP, Oracle 10g, Linux

Passenger Registration System / check-In at the international Airport

BazAccounting

Jul 2009 - Jun 2010

Senior developer

C# - Express Application Framework (XAF), Oracle 11g

Enterprise Accounting System. This system is consisted of the following systems Core accounting, General ledger Payroll, Human resource, Time attending, Loan, Inventory management, Financial reporting system

Post SMS

Jan 2009 - Dec 2010

Software developer

PHP, Oracle 10g, Linux

The system was commissioned by Mongol Post. Mongol Post is a Mongolian giant delivery service company and its branches are located around the world. This system allows customers to easily track parcels in real-time with a message code