

# JUN WANG

Software Development Manager @Amazon aws  
Eden Prairie, MN 55346

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I am an innovator with creative ideas and strong problem solving skills, a passionate technologist with hands-on software engineering skills in modern technology stack, a servant leader who constantly drives changes and aims to add business value, and a trusted mentor who prioritizes developing our people and cultivating engineering culture.

## SKILLS

### Micro Service Web API

Advanced

rest | grpc | graphql | jwt | soap

### Cloud Services

Advanced

azure | amazon web services

### SQL, No-SQL

Advanced

mssql | elasticsearch | mongodb |  
postgresql | mysql | kafka

### DevSecOps

Advanced

github action | azure devops | docker |  
jenkins | ci/cd pipeline |  
vulnerability management | firewalls

### Web Technology

Advanced

.net core | java | spring boot | http2 |  
splunk | dynatrace

### Design Pattern

Advanced

creational | structural | behavioral |  
the twelve-factor app

### Test Automation

Advanced

cypress.io | xunit/junit | jest | karma |  
cucumber | jmeter

### Javascript

Intermediate

jquery | react | angular | signalr

### Mobile Development

Intermediate

flutter | widget ui | react native | blazor

## WORK EXPERIENCE

**Software Development Manager** at Amazon|aws **March 2021 - Present**

<https://aws.amazon.com/>

**Senior Manager** at CVS Health **November 2013- March 2021**

<https://www.cvshealth.com/>

Leadership and management

- Lead 5 scrum teams with over 30 engineers in 5 locations.
- Founder of non-profit organization to promote STEM to youth.

Projects through work

- Prior authorization: Medical and pharmacy benefit prior authorization systems, including NCPDP ePA, HL7 FHIR Da Vinci based PA. - Tech simplification.
- Oncology Regimen based prior authorization: Implement industry leading edge regimen PA system, machine learning drive recommendation system for oncologist. - This is a revenue generation project, clients cut regimen PA process time from two weeks to minutes.
- Medical claim/rebate: EDI 837 and proprietary claim, medical rebate system. - Revenue generation, helped clients save over 8 million dollars per year.
- Azure cloud: Migrate medical claim editing system using docker technology to Azure. - Modernization
- Eligibility: Implement EDI 270/271, file based and API driven eligibility system. Integrate with Azure AD through certificate assertion. - Security project.

- Provider portal: File based and API driven provider portal system, implement SSO through SAML 2.0. - Security, tech debt reduction project.
- DevOps: Azure DevOps build and release pipeline, Jenkins. Splunk, VeraCode, New Relic and APM. - Scalability, performance project.
- Micro Service: established Web API, API gateway strategy. - Modernization project.
- Elasticsearch/Kibana/Logstash: Cluster setup, PKI security, application real time searching and dashboarding. - Modernization project.
- Using Kafka to implement multiple PA concurrent access projects. - Modernization project.

#### Projects outside work

- laboratory test result management system: fully Azure native application leverages HL7 2.0 and HL7 3 FHIR to manage test result records for providers.
- COVID-19 test kit order system: help organization to quick order self test kit for potential COVID patients.
- Law enforcement and campus safe system: Azure based applications help organizations to engage law enforcement more efficiently.
- TnT(Tool n' Tool): an open source project with friends as a technical playground project. <https://github.com/tnt-develop-team>, Technology framework and tools including: Spring boot, Gradle, Neo4J, Docker, Spock, Travis CI, Ionic2, Jenkins, VSCode, IntelliJ, Azure VM, Bash, waffle.io
- Contributed to over 30 open source repositories on <https://github.com/edenprairie> , Github Arctic Code Vault Contributor.

#### Community Service

- Teach 4 hours per week over 2 year on Natural Language Processing class to middle school and high school students.
- Community service: founder of local ethnic group and active volunteer.

#### **Senior Technical Architect** at Bluestem Brands Inc. (Formerly known as Fingerhut Direct Marketing)

**May 2003- November 2013**

<http://www.bluestem.com/>

Work as a senior technical architect in development team, design and develop company's system integration involving BizTalk server 2010, BizTalk 2006R2, SSIS and .NET windows service and web API. Created custom BizTalk pipeline and eConnect adapter to handle Microsoft GreatPlains transaction. Besides regular BizTalk mapper, using xslt to transform complicated business requirement map. Responsible to participate in creating and enhancing enterprise customer business services, work on problems involving the evaluation of specifications for complex business requirements and processes (new, enhancements, maintenance), and develops and prepares automated solutions. Verify program logic by preparing test data for trial runs, tests and debugs programs as well as to participate in overall systems testing and support of the implementation of the application into production.

Technologies including: BizTalk, SSIS, SSRS, Git, IntelliJ, Jenkin, VB.NET, C#, WebAPI2, JavaScript, jQuery, Spring Boot, Groovy, Gradle, Java, BeanIO, Stubby4j, Spock

#### **Software Developer** at Boombuy Inc. **January 2003- May 2003**

Responsible for company Web and database application programming, quality assurance by using Microsoft Site Server, Commerce Server, IIS, XML/XSLT, MSMQ, Web Service. Set up Microsoft Source Safe version control and remote debug system. Implementing Microsoft Passport and Wallet by using .NET technology. Set up and maintain SQL Server Log shipping for MS SQL Server 2000. Use .NET technology to implement Microsoft Passport and wallet system. Using object-oriented method to create and debug ASP ASP.NET, SQL Server application and data management system. SQL Server 2000 development and administration.

Technologies including: MS SQL Server, XML/XSLT, MSMQ, Web Service

#### **Software Engineer** at AMAX Engineering Corporation **April 2001- January 2002**

<http://www.amax.com/>

Responsible for web development and quality assurance of company's B2B and B2C projects using ASP, XML/XSLT, JavaScript, VBScript, Windows NT, IIS, and SQL Server 7.0. Integrated SQL and stored procedure with Microsoft Site Server, Commerce Server built-in search component to build specific catalog and implement the whole web site with dynamic power search. Created and tested COM/DCOM to implement spider function. Developed full-text index searching development and tested Web site mastering including SSL set up, FTP files, site backup and updating. Also worked closely with front-end designers on issues in browser compatibility, email system administration, Linux/FreeBSD server administration, shell coding, and PHP coding. Design and implemented complex business requirement and process, verify program logic by test data and trial runs.

Technologies including: Javascript, COM/DCOM, IIS, SSL, Linux/FreeBSD

EDUCATION

Master's Degree inSoftware Engineering(Ongoing)at University of St. Thomas

Bachelor's Degree inElectrical and Electronicsat North China Electric Power University

INTERESTS

at Videography Photography

Skills acquired: portraits |events

REFERENCES

REFERENCE AVAILABLE UPON REQUEST