

## DIRECTOR OF SOFTWARE ENGINEERING

# Jun Wang

*I'm a software engineering leader in the Twin Cities. I currently lead technical architecture at Optum Behavioral Health — the shared platform that 180+ applications run on, serving more than six million members. Before that I ran engineering teams at Amazon and CVS Health. I've been writing code for over twenty years, and I still enjoy it.*

Eden Prairie, MN    [junwang01@gmail.com](mailto:junwang01@gmail.com)    [linkedin.com/in/junwang03](https://linkedin.com/in/junwang03)  
[github.com/edenprairie](https://github.com/edenprairie)

### EXPERIENCE

## Director of Software Engineering

Oct 2022 — Present

### Optum · Behavioral Health

I lead the technical architecture team for Optum's behavioral health division. My team owns the shared API layer that carries 180+ web applications, thirty of them critical.

I work with the CTO office on engineering maturity, and I'm driving a generative-AI program in utilization management — applying large language models to help review clinical decisions.

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## Software Development Manager

Mar 2021 — Oct 2022

### Amazon · Buy with Prime

I ran a two-pizza team on Buy with Prime, Amazon's merchant checkout product. We shipped changes that touched shopper and merchant discovery, working across several teams inside the program.

The scale was enormous — which is exactly why you learn to keep things simple.

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## Senior Manager

Nov 2013 — Mar 2021

### CVS Health · PBM Systems

I managed five scrum teams — about thirty engineers across five locations — building medical and pharmacy benefit systems.

The work I'm proudest of: an oncology prior-authorization system with a machine-learning recommendation engine that cut review time from two weeks to minutes, and a claims system that saved clients over eight million dollars a year.

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## Senior Technical Architect

May 2003 — Nov 2013

### Bluestem Brands

Designed enterprise integrations — BizTalk, SSIS, .NET services and Web APIs — including a custom eConnect adapter for Microsoft Great Plains transactions.

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## Software Developer · Software Engineer

Apr 2001 — May 2003

### Boombuy Inc. · AMAX Engineering

Built B2B and B2C web applications with ASP, XML/XSLT, SQL Server, and Commerce Server — full-text search, SSL, and everything around it.

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**6M+**

members supported at  
Optum Behavioral Health

**180+**

web applications on the  
shared API platform

**30**

critical (P1/P2) systems  
under my team

**\$8M/yr**

client savings delivered  
on claims at CVS Health

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### PROJECTS

## Oncology prior authorization

### CVS Health

A regimen-based authorization system with a machine-learning recommendation engine for oncologists. Cut prior-authorization processing from two weeks to minutes.

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## Medical claims & rebates (EDI 837)

### CVS Health

Rebuilt the claims and rebate pipeline — saved clients more than eight million dollars a year.

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## Claim editing to Azure

### CVS Health

Migrated the medical claim editing system to Azure with Docker — a modernization that retired a datacenter dependency.

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## TnT — Tool n' Tool

### Open source

A playground project I built with friends to try new things: Spring Boot, Gradle, Neo4J, Docker, Ionic 2, and a CI pipeline to hold it together.

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## Open-source contributions

[github.com/edenprairie](https://github.com/edenprairie)

Thirty-plus repositories contributed to over the years — including work preserved in the GitHub Arctic Code Vault.

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### SKILLS

#### AI / MACHINE LEARNING

Generative AI

LLM & RAG

Azure OpenAI

Prompt Engineering

#### CLOUD & PLATFORM

Azure

AWS

Kubernetes

Terraform

Docker

#### APIS & SERVICES

REST

gRPC

GraphQL

Microservices

API gateways

## DATA

MSSQL

PostgreSQL

MySQL

MongoDB

Elasticsearch

Kafka

## LANGUAGES

C# / .NET

Java

Spring Boot

Python

TypeScript

JavaScript

React

## ENGINEERING PRACTICES

DevSecOps

CI/CD

GitHub Actions

Azure DevOps

Test automation

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## EDUCATION

**Master's in Software Engineering** (*in progress*)

**University of St. Thomas**

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**Bachelor's in Electrical and Electronics**

**North China Electric Power University**

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## COMMUNITY

For two years I taught a weekly natural-language-processing class to middle and high school students.

I founded a non-profit that promotes STEM to young people.

I'm an active volunteer in my local community and helped start a local ethnic group.

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