

Greg Parks

Address: 8735 Hunters Way, Apple Valley 55124

Phone number: (612) 759-5738

Email address: gparks@acm.org

Web: <https://www.linkedin.com/in/gregaparks/> <https://github.com/GParks>

Education

1992
St. Paul, MN

Computer Science | B.S.
Bethel College

Professional Experience

05/2011 – present
Eden Prairie, MN

Lead Software Engineer
UnitedHealth Group - Optum Tech

- Modernized licensure renewal platform for 100K+ professionals, improving UI responsiveness and data integrity
- Led migration of legacy systems to OpenShift/Kubernetes, reducing deployment time
- Automated CI/CD pipelines using Jenkins and Artifactory, increasing release frequency and reliability
- Migrated petabytes of member data to a new platform; retired outdated claims systems
- Championed Infrastructure as Code (IaC) adoption, aligning teams with enterprise cloud standards
- Provided architectural guidance on scalable architecture for dozens of different applications
- Mentored junior engineers and fostered a culture of technical excellence across teams
- Advised multiple engineering teams on scalable architecture, boosting system uptime and maintainability

08/2007 – 04/2010
Eagan, MN

Sr. Software Engineer
Blue Cross Blue Shield of Minnesota

- Engineered and implemented a business rules engine for electronic claims adjustment, alleviating manual processing; jointly forged the UI with business users
- Re-architected NPI application with a new data model, improving data accuracy and performance
- Supported the infrastructure team hosting PegaRules Process Commander (PRPC) - in an era before DevOps
- Worked to resolve numerous issues peripheral to the project, but essential to continued operation and demand usage

05/2000 – 07/2007
Richfield, MN

Sr. Software Engineer
GMAC-RFC (ResCap)

- Re-engineered and ported the primary automated loan evaluation system
- Participated in initial design and architecting, selection of new technology platform, and investigation of solution
- Led a team of developers in the development and implementation of a new pricing application
- Retired a legacy “pricing” application and successfully replaced it with a framework project

1998 – 2000
MN

Software Engineer
StorageTek

- Designed and architected “server-less backup” feature for Storage Area Network (SAN) ‘intelligent hub’
- Developed test harness and automation scripts



Additional Experience

1995 – 1998

Software Engineer
CyberOptics

3M Consultant
Brady & Company

Software Engineer
Introl Corp./Medicus



Skills & Expertise

– LEADERSHIP & STRATEGY

Engineering leadership



cross-functional
collaboration



mentoring



technical evangelism



– SOFTWARE DEVELOPMENT

Java



C/C++



Python



Clojure



Go



Groovy



JavaScript



PRPC



– CLOUD & DEVOPS

Kubernetes



Azure



AWS



Docker



OpenShift



REST



Graph API



– CORE TRAITS

Persistence



Curiosity



Creativity



Optimism



Quality Focus



About me

- Member of Mensa International, which is recognized as a hallmark of problem-solving ability.
- A lifelong learner and self-taught in areas such as artificial intelligence, machine learning, blockchain technology, and financial technology innovations, my interests extend to quantum computing, space exploration—which involves a solid understanding of orbital mechanics—and advanced mathematics.
- Additionally, I am a strong advocate for promoting technical excellence and nurturing an engineering culture within organizations, helping to drive innovation and improve overall performance.