

### CORE COMPETENCIES

#### Leadership & Business Skills

Software Development Leadership  
Business & IT Vision  
Strategy & Planning  
Large scale, distributed resilient systems  
Organizational Change Management  
Enterprise-Wide & Global Solutions  
Digital Transformation  
Business Intelligence & Analytics  
Product Development Management

#### Software Skills

C# • JavaScript • TypeScript  
HTML5 • .Net • C++ • Angular.JS  
Node.JS • SSAS • Python  
Java • React Java • WebApi • SSIS  
AI/Machine Learning  
Linux\Unix  
Mobile Development

#### Databases

MySQL • MSSQL • BigQuery  
RedShift • MongoDB • Redis  
Cassandra

#### Frameworks

AWS& Azure & Google PaaS  
DialogFlow & Azure BOT  
Azure & Particle IoT  
CD/CI with Azure  
TensorFlow and Azure ML

### ACADEMIC BACKGROUND

#### MBA, Innovation & Entrepreneurship

Gies College of Business  
University of Illinois, 2019

#### MS, Computer Science

University of Illinois, 2012

#### BS, Computer Science

University of Colorado Springs, 2009

### VALUE OFFERED

Technology leader offering over 12 years of experience delivering large-scale product development projects for world-class e-commerce, manufacturing, oil field services, banking, and information technology brands, as well as start-ups. Known for exceptional technical proficiency, innovative problem-solving and astute understanding of business operations and performance drivers. Track record in transforming IT from a cost center into a revenue-generating unit.

Uniquely positioned to bring a start-up culture of speed, energy, and innovation to large corporations while instituting policies, procedures, and performance excellence metrics across multi-region cross-cultural teams. Reputation for hands-off management style, influencing decisions without using authority and leading by example. Hired and developed stellar software developers, data scientists, and business analysts that have been identified as top performers and culture shapers.

Personal and business watchwords are *innovation* – committed to empowering, augmenting and supercharging every aspect of a business with novel ideas; *economy* – seek simplicity and elegance in planning, execution, and solution design; and *social impact* - contributing to society by improving the quality of life around the world through technological enhancements.

### CAREER CHRONOLOGY

#### SDM | Amazon, Austin, TX 2020 - 2021

- Established a new team by hiring SDE's and TPM to build Amazon's privacy consent framework to support e-privacy regulations.
- Lead the software development team into DevOps practices for Amazon Tier-1 systems, to support events like PrimeDay and advertising revenue up to **\$200M**.
- Collaborate with external and internal organizations to roll-out the service into EU amazon retail sites and subsidiaries, reaching up to 30M Amazon's customers daily.
- Provided technical strategic guidance to leadership on efforts to support EU GDPR e-Privacy.
- Manage the day-to-day software development activities using Kanban/Agile for backlog prioritization and identify roadblocks to unblock the team's day-to-day activities.
- Assess the performance of the team using KPI's, provided coaching and mentoring to senior, mid and college grad software engineers.
- Take part in architecture design of distributed services at scale and provided insights into creating Amazon's large-scale privacy consent systems.

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## CAREER CHRONOLOGY CONTINUED

### Key Solutions Implemented & Selected Accomplishments at Amazon

2020 - Present

- Rolled out the privacy consent service in Amazon EU retail marketplaces in 3 months after joining Amazon.
- Scale up the privacy consent service to support high TPS and resiliency in 3 months to support PrimeDay 2020.
- Scale up the team by participating in the recruiting and hiring 5 SDE's and 1 TPM in 6 months.
- Migrate services from Amazon's retail systems to AWS services (ECS, DynamoDB, CloudWatch, etc).

### IT Director | Bray International, Houston, TX 2016 - 2020

- Manage the business intelligence, data analytics, and business analyst teams with the goal of making Bray International a **\$1B** company.
- Lead the software development team into DevOps practices and cloud-first software development; transitioning the platform from expense to revenue-generating sources.
- Direct efforts in predictive analytics, AI/ML and IoT Manage the daily development of internal reports, dashboards, and performance metrics, promoting lean management across the organization.
- Collaborate with business stakeholders to define business intelligence and software development roadmaps, including tech platform acquisitions.
- Define and execute the cloud strategy for migrating apps and data services.
- Engage with senior management, end-users, and technology teams through the project life cycle from analysis to implementation, using agile methodologies.
- Lead the development and implementation efforts for several mission-critical systems, including Dynamics CRM 365 and Info LN ERP systems.
- Direct oversight of the first robotic warehouse systems implementation, resulting in a productivity increase over **25%**.
- Created the first IoT smart Valve POC and established a cross-functional team to pioneer this market.

### Principal Software Engineer | Halliburton, Houston, TX

2014 - 2016

- Led a cross-functional team of scientists, engineers and software developers into creating an extremely complex software solution to address a **+1B** market in less than **6** months.
- Released **10** different software and hardware products in less than **2** years.
- Championed product development and release of breakthrough fiber optic, distributed sensing products.
- Delivered an innovative, multi-tier cloud-based technology solution, across mobile, web and desktop channels.
- Achieved on-time and on-budget delivery successfully launching solutions on the company's global platform for **70** countries.
- Praised by customers for delivering high ROI; selected to be part of Halliburton leadership and management track; joined the CEO's list of top **100** top performers.

### Associate Software Developer | J.P. Morgan, Houston, TX

2012 - 2014

- Enabled users to easily access accurate information by establishing a real-time data architecture for global trading markets.

## OTHER ROLES

Software Engineer, VivaPlanet .....2014-Present  
Software Developer, JP Morgan & Chase.....2012-2014  
Software & Systems Engineer Intern, Hewlett-Packard.2008-2012  
Embedded Systems Engineer, University of Colorado....2007-2008  
Founder and Owner, Netsphare Technologies Ltd.....2006-2007

## PATENTS & PUBLICATIONS

Design and Evaluation of Soft Keyboards for Brahmic Scripts  
ACM Transactions and Graphics, 2013

Designing Soft Keyboards for Brahmic Scripts  
University of Colorado, Colorado Springs, 2013

Identifying and Ranking Solutions from Multiple Data Sources  
US Patent #9672252B2, 2012