Quoc Vu

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Summary

- A collaborative, values based leader and problem solver with a proven track record of delivering new v1.0 products.
- Hands-on experience and pragmatic entrepreneurial leadership with a "get the work done" attitude.
- Extensive experience in building teams from ground up and setting agile development structure and processes for geographically distributed teams.
- Value based manager with strong leadership skills that engender team loyalty, passion and dedication.
- Sharp product vision, innovation, execution, and strong and diverse technology experience.

Experience

2016 - Present: Director of Engineering @SAP Ariba

- Led multiple agile scrum teams (Dev and QA) across 4 locations (US, India, China).
- Led the development of XML database and Queueing as service.
- Migrated Ariba flagship apps (Buyer and Sourcing) from Oracle to SAP HANA (in memory DB).
- Revamping Ariba test infrastructure for public cloud readiness.
- Enabled first Ariba application to run on public clouds (AWS & Azure).
- Converted the on premise CI/CD pipeline into an elastic app running on multiple public clouds.
- Advocate for Agile adoption and coaching teams for Agile transformation.
- Active member of the Palo Alto Sustainability team.

2014 - 2016: Principal Engineer @Intuit

- Led the development of a Continuous Integration and Continuous Delivery (CI/CD) company wide platform on AWS CodePipeline.
- Led the conversion of an existing Contiuous Delivery application into multi-tenant SAS based application.
- Deployed a highly available, disaster recovery capable, global installation of GitHub Enterprise to unify source code management across all Intuit's business units.
- Brought Github into Intuit and unified previously fragmented source control management (Stash, Gitlab, SVN, Perforce) into one central instance resulting into drastic license cost saving and higher developers collaboration and productivity.
- Advocate and coach other teams on git, Github, and agile best practices.
- Reduced developers onboarding time via auto provisioning cloud based development playgrounds.
- Active member of the GreenTeam working on reducing on campus waste.

2012 - 2014: Member of Technical Staff 2 @XCommerce

Bootstraped new product initiatives to expand X.commerce's offerings.

2008 - 2011: Head of Software Engineering @Bloom Energy

- Responsible for all software activities at Bloom Energy including development, operations, product management, QA, and release management.
- Founded the Software development team at Bloom Energy. Hired and managed engineers and contractors between California and India.
- Instituted a development and release process that resulted in continuous weekly releases over the course of 3+ years with minimal defects and almost no planning churn.
- Provide software vision and leadership to the company including infrastructure, cyber and physical security, scalability to monitor and control megawatts fleet, integration with back-office business applications, and lowering operating cost through software and automation.
- Architected a mission critical 24x7 distributed monitoring system (SCADA) for controlling, supervising and optimizing fuel cell operations over the internet allowing central operators to remotely monitor and control fuel cells installed across different states.
- Developed an analytical platform for reporting, forecasting parts failure and maintenance schedule, and optimizing fleet energy generation.
- Designed an abstraction layer to interact and control hardware components of the fuel cell.
- Automated the control and monitoring of machines on the manufacturing factories.
- Erected the first data center with hot backup hosting the SCADA application. Processing 3Gbps or real-time data coming from 200 customer sites.
- Responsible for operations of all software running in the data center, manufacturing factories, and customer sites. Maintained 99.99% uptime in the past 24 months.

2004 - 2008: Senior Architect / Engineering Manager @PayPal

Led the development and launch of many key products including Funding Mix, Consumer experience, customer service tools, marketing platform, merchant risk

2001 - 2004: Principal Software Engineer @Ariba

Led the development of a new R-OLAP based product to analyze Procurement and Sourcing activities on Ariba's platform

2000 - 2001: Staff Engineer @Selectica

Led the development of a new Business Intelligence product to analyze Selectica's configure process

1998 - 1999: Sr. Research Associate @NEC Computer & Communication Research Labs

Research on semi-structured data mining and information retrieval.

1996 - 1998: Research Associate @IBM Almaden Research Center

Research in Data Mining. Developed several internet sales tools based on Association Rules.

1995 - 1996: Research Associate @Computer Research Institute of Montreal

Research in Image Processing for GIS applications

Education

- 1996: Master in Science - Computer Science, University of Montreal
- 1993: Bachelor in Science - Computer Science, University of Montreal
- 1990: Mathematics Superior, Kleber College

Technical Skills

- 2016: HashiCorp Nomad, Consul, Terraform
- 2016: SAP Hana
- 2015: Kafka, Docker, AWS DynamoDB
- 2014: MongoDB, Node JS, Ansible, Chef
- 2010: PostgresQL
- 2009: AWS
- 2005: MySQL
- 2004: PHP
- 2002: Linux, Javascript, CSS, HTML
- 1998: Oracle
- 1994: Java
- 1992: C/C++

Patents and Publications

- 4 Patents issued
- 5 Journal papers
- 9 Conference papers