**Vikas Singhvi, CISM, CAIA**

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**Profile**

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An entrepreneurial technology leader recognized for instilling technology vision and delivering pivotal initiatives that directly enable revenue growth, improve customer focus, deliver business value, and drive operational excellence. I take technology initiatives from vision to architecture and from definition to deployment, guided by a strong foundation of product development and management leadership and delivery experience. Led development and operations of multiple software products and globally distributed teams in diverse environments. Expertise in Software Product Development, Enterprise Applications, DevSecOps, Cybersecurity, IT operations, Services & Consulting. Effective in both rapid growth startups and fortune 100 companies.

**Expertise Area**

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| ► IT Strategy and Roadmap  ► Cloud Computing (Microsoft Azure and AWS) ► Digital Transformation  ► Agile Transformation ► Enterprise Architecture  ► DevOps & CI/CD ► Project Management and Product Management | ► Cybersecurity, Audit and Regulatory Compliance  ► Strategic IT Portfolio Management ► Data Management ► Business Intelligence and Digital Analytics ► Vendor Sourcing and Negotiations  ► Product Roadmap  ► Application and Data Security | ► eCommerce, Mobile Strategy and Implementation  ► Outsourced Project/ Resource Management ► Information Technology and Services  ► Software Development Life Cycle  ► Budgeting and Financial Management |

**Technology Expertise**

AWS, Azure , AKS, AzureDevOps,C#, .Net core , Python, JavaScript, Java, SQL, HTML, CSS, C++, SQL Server, Oracle, Sybase, DB2, Jupyter Notebook, Crystal Reports, Kentico CMS, Dynamics 365 CRM, Dynamics NAV, Salesforce, SharePoint, IIS, Tomcat, Nginx, Docker, Kubernetes.

Git, Jira, Confluence, Jenkins, SonarQube, Snyk, New Relic, Selenium, TestComplete, Cucumber, OWASP ZAP proxy.

Scrum, Kanban, XP, TDD, CIS, NIST, SSAE16, SOC2, COPPA, GDPR

**Business Domain Expertise**

Financial Services, Healthcare, Systems Engineering, eCommerce, Nonprofit

 **Employment History**

**CIO**

**at Harold Grinspoon Foundation, Agawam, MA**

December 2014 to July 2019

HGF is a non-profit organization committed to charitable causes in the Jewish world.

* Led a team of software developers, front end engineers, data management analysts, infrastructure engineers and QA analysts.
* Performed a cloud maturity assessment and implemented a cloud adoption roadmap Directed the development and implementation of Cloud Strategy and approach
* Rearchitected legacy monolith .net application to microservice architecture and deployed on Azure Kubernetes Services.
* Implemented DevSecOps practices, CI/CD pipeline, automated testing and monitoring processes using Jenkin, SonarQube, Selenium, New Relic and Snyk .
* Established enterprise architecture and governance models & best practices; rationalized enterprise applications & IT systems portfolio; designed data governance & engagement models.
* Setup private cloud DR site and created incident management and incident response program.
* Created cybersecurity governance program based on industry standards, NIST and CIS frameworks for better risk management & compliance. Implemented SOC2, COPPA and GDPR compliance programs;
* Vendor Management – managed RFP process, contract negotiation for enterprise solutions, established SLAs and managed relationships with outsourcing organizations and other external service providers.
* Established KPIs and performance metrics to consistently measure and track sustained engineering performance.
* Implemented digital and agile transformation strategies to leverage digital and machine learning technologies, created and redesigned multiple websites and enterprise applications, implemented CRM and ERP applications to create significant business impact. Improved system performance by implementing event driven architecture.

**Director of Engineering at SS&C Technologies, Framingham, MA**

January 2010 – December 2014

SS&C provides specialized software and services to the global asset management industry.

* Led and provided strategic direction to a team across 3 product lines (managing $500B+ assets for private equity, hedge funds, and real estate funds) including software developers, front end engineers, business analysts, and QA engineers.
* Defined Product strategy and product roadmap through industry analysis, collaboration with fund admin group and client partnerships.
* Rearchitected windows-based TNR product suite to a SaaS solution using ASP.Net and ASP.net web API.
* Compliance Management – built private equity compliance management solution for Form PF and FATCA regulations
* Waterfall engine – oversaw development of complex waterfall engine for hedge and private equity fund distributions.
* Reporting – Created SQL Server Analysis Services (SSAS) databases and OLAP cubesused in ad-hoc analytic research and automated reporting. Led a team to build private equity ILPA reporting suite.
* Created a mobile app for front office CRM functionality of private equity asset managers.
* Launched fundraising and portfolio portals to manage the relationship with investors and portfolio companies.
* Built API for TNR product and integrated with Advent Geneva, Skyline LMS, and fund administrator portal.

**Director of Engineering at TheNextRound Inc., Framingham, MA**

January 2007 – January 2010

TheNextRound, a Fintech startup, provides enterprise-class software available for Private Equity & Alternative Investment asset managers.

* Led a team of 20 people including software developers, business analysts, and QA engineers through multiyear high growth phase where customer base increased by 500%.
* Agile Methodology – Implemented agile tenets such as proper sprint planning, backlog grooming, sprint review/demonstrations; it led to higher productivity and stronger customer alignment.
* Development of new processes and practices to drive continuous performance improvements.
* Fund Structure – oversaw development of functionality to support complex multi-level fund structures: master-feeder funds, holding companies, SPVs, AIVs, and blocker.
* Portfolio Module - Enhanced portfolio module to implement management company structure, streamlined corporate actions transaction processing and built reconciliation tools.
* New Market – Expanded product functionality to support Fund of Funds, family offices, and real estate funds.
* Analytics – oversaw development of Cap table analytics, portfolio analytics, enhanced reporting capabilities and built ad-hoc reporting and dynamic dashboards.
* Hired, coached and mentored new engineers and created onboarding process for talent development and help them reach their potential and career goals.

**Principal Developer at TheNextRound Inc., Framingham, MA**

May 2004 – January 2010

* Investor portal – built a web-based portal using Asp.Net to provide limited partners access to their account information, analytics and allow them to download documents such as capital call and distribution notices, K1s and partner capital statements.
* Developed deal/portfolio due diligence module, enhanced investor relationship module with correspondence preferences, portfolio valuation models and advanced analytics.

**Education**

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**Bachelor of Engineering, Computer Science & Engineering**

MBM Engineering College, Jodhpur, India

**Certified Information Security Manager, CISM**

**Certified Alternative Investment Analyst, CAIA**

**Additional Information**

**Facilitated panel discussions with technology leaders at CIO Strategy Meeting conferences on following topics:**

* Cloud: The shift in IT infrastructure
* IT Transformation: When IT Shifts from Supporting the Business to Becoming the Business