

Amit Khivesara

Khivi

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Summary

Technical leader with 20 years of experience of leading teams to build high quality software. I have been instrumental in taking teams and companies to the next stage in their journey. Over the years I have evangelized strong technical discipline within organizations. Based on my experience authored a book on company culture.

Philosophy

Embrace Change	Change is inevitable	Be Lazy	Do more with less
Open Intent	Share before, not after	Roughly Right	Perfection is a myth
Be Inquisitive	Listen, Learn, Contribute	Feedback	Improve deployments
Outsource	Make oneself redundant	Measure Failure	Success travels easily

Management Skills

Communications	Open	Productivity	Extreme Programming
Mentor	Individuals	Process	Continuous Learning
Manage	Global Teams	Technical	Excellence

Computer Skills

Recent	Scala, Shell, C/C++	Past	Python, Java, Kernel
Dabble	Golang, JavaScript	Systems	Databases, Networking
Passable	Perl, PHP, Ruby	Platforms	Linux, OpenStack, Kubernetes

Experience

2019–Present **Senior Director, AI Engineering**, *Target*, Sunnyvale, California.
Leading the engineering team for supply-chain and forecasting

2017–2019 **Director, Data Engineering**, *Target*, Sunnyvale, California.
Leading the data science team for e-commerce search

- Managed the engineering and data-science team
- Integrated deep learning model to production infrastructure
- Built a continuous delivery culture

2019–Present **Technical Advisor**, *iDataGenie*.

2016–Present **Technical Advisor**, *Verne Global*.

2016–Present **Technical Advisor**, *Netcore*.

2016–2017 **Head of Engineering**, *Emissary.io*, New York City, NY.

Emissary is a platform connecting sales professionals with former executives who have specific knowledge about their important sales targets.

- Lead the engineering team
- Transformed processes to an agile development methodology
- Hardened security practises
- Developed a testing culture

2014–2016 **Head of Engineering**, *Betterpath*, New York City, NY.

Betterpath is a data driven health care startup focused on improving care for patients. I lead the engineering team.

- Built and managed the engineering team
- Setup outsourced QA team in Ukraine
- Designed and built reliable infrastructure

2012–2013 **Senior Software Engineer**, *Konnect2*, Madison, NJ.

Konnect2 is a financial services firm specializing in providing structured data exchange and algorithms for the global bond market. As one of the company's first employees, I took the product from an idea to deployment.

- Built feed handlers for *TRACE*, Bond Runs
- Scaled infrastructure for multiple data streams
- Built server orchestration scripts

2008–2012 **CTO**, *Mesh Capital*, Jersey City, NJ.

Mesh Capital is a quantitative trading firm specializing in fully automated trading strategies. As the company's first employee I wrote the initial software that traded propriety capital. We grew to attract high-caliber talent.

- Built and managed the engineering team
- Doubled daily trading volume by adapting strategy to dark pools
- Primary responsible for development of platform for Canada cash equities market

2005–2008 **Technical Lead**, *Roundbox*, Florham Park, NJ.

Roundbox developed infrastructure to support mobile broadcast environments. I lead the global engineering team responsible for our server offerings.

- Leading the global team for server solutions
- Primarily responsible for building the world's first server to support multiple broadcast standards for TVguide services.
- Responsible for certification of server for evolving service guide standards (*OMA*, *CBMS*)

- 2002–2005 **Senior Software Engineering**, *Xeboo Communications*, Iselin, NJ.
Xeboo was a successful company that built a high-speed carrier-grade MPLS router. UTStarcom bought Xeboo in May, 2003. I was leader within the software team and managed the platform.
- Primary engineering lead on platform
 - Architected the primary configuration and system data-store
 - Responsible for the test automation framework for solution
- 1996–2002 **Member of Technical Staff**, *Bell Labs, Lucent Technologies*, Murray Hill, NJ.
DataBlitz is a high-performance, *ACID*, main-memory database system. I lead the team from a research prototype to worldwide deployment by Lucent within its flagship telecommunication products.
- Lead the team to deliver highly reliable solutions
 - Built high-performance persistent and concurrent index structures
 - Primarily responsible for the relational API and SQL engines
 - Implemented automated testing infrastructure

Education

- 1994–1996 **MTech**, *Indian Institute of Technology*, Bombay, India.
Masters in Computer Science and Engineering
- 1990–1994 **BTech**, *Indian Institute of Technology*, Bombay, India.
Bachelors in Computer Science and Engineering

Awards and Achievements

- 1999 **Awarded**, *Bell Labs*, Murray Hill, NJ.
Bell Labs President's Silver Award
- 1994 **Academic Distinction**, *GATE, 1994*.
All India Rank 9
- 1990 **Academic Distinction**, *IIT JEE, 1990*.
All India Rank 28

Publications

- 2015 **Culture Seeds: Process, People and Companies**.
Book available at <http://a.co/i1uqz2A>
- 2019 **Culture Seeds: Process, People and Software**.
To be published

Interests

Privacy	Technology and Society	Music	The Doors
Travel	Small town America	Enjoy	Bourbon
Film	Documentaries	Food	Korean