Nilesh Trivedi

CONTACT

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SUMMARY

I have built and led teams for technology product companies in engineering and product management for more than 11 years. After MBA, I co-founded a B2B product company with a social CRM app. I helped build and scale GupShup's enterprise messaging platform. As CTO at Truweight, I integrated all technological pieces of a fast moving consumer tech business into a cohesive, agile whole. With an IIT and IIM background, I am also a hands-on expert at full-stack development including the cutting-edge in machine-learning, hardware, and blockchain. Some of my technical work can be seen here: http://www.nileshtrivedi.com/work.html

WORK EXPERIENCE

Truweight, Bangalore   2015 — Present
CTO

Two Roads Tech, Bangalore   2014 — 2015
Backend Engineer

- Built algorithmic trading systems and a web-based workbench for backtesting
- Tech used: Ruby, Javascript, Python, AWS, Docker, Redis and Discourse

Freelancer   2013 — 2014
Independent Engineer

- Engineering projects for tech startups ranging from web and mobile apps to robotics to hardware, electronics, computer vision and machine learning
- Built an interactive physics simulation engine using Javascript and Canvas APIs. You can see my JSFoo presentation here: https://hasgeek.tv/jsfoo/2013-2/688-interactive-physics-simulation-in-the-browser-what-i-learned
- Tech used: Arduino, OpenCV, Python, Ruby, and Javascript

GupShup (earlier Webaroo), Bombay   2009 — 2013
Lead Software Engineer

- Built and launched multiple web applications for Enterprise SMSGupShup serving thousands of customers and delivering billions of messages per month
- Built tools for improving internal processes including analytics and customer support
- Development for GupShup's Android app
- Growth marketing with analytics and optimization of ad campaigns
- Tech used: Ruby, Rails, Java, JRuby, Android, Javascript

Lattice Purple Technologies, Noida   2008 — 2009
Co-Founder

- Built and launched a social CRM app - YouSuggest.us (We started working on the product even before UserVoice was launched)
- Successfully sold it to Indian media enterprises

- Built a dynamic and interactive trip-planning app using Javascript and Google Maps APIs
- Tech used: Ruby, Rails, and Javascript

HeadStrong, Bangalore   2004 — 2006
Senior Associate

- Delivered multiple releases for Nuance Voice Platform
- Developed a number of speech-recognition applications using VoiceXML
- Tech used: Java, J2EE, VoiceXML

OPEN SOURCE

- Physics: Interactive real-time physics simulation engine for the Web: https://bitbucket.org/nileshtrivedi/physics
- BigChainDB Ruby client: https://github.com/nileshtrivedi/bigchaindb-ruby-client
- RbFNV - FNV Hash for Ruby: https://github.com/nileshtrivedi/rbfnv
- LiveCoding environment concept for JavaScript: https://github.com/nileshtrivedi/livecoding_js_demo
- Ruby wrapper for Gupshup APIs: https://github.com/nileshtrivedi/gupshup
- A framework for building SMS-based chatbots: https://github.com/nileshtrivedi/smsapp
- MapGap: A crowd-sourced reporting app for missing satelite imagery data: https://github.com/nileshtrivedi/mapgap
- IndiumBot: A cryptocurrency-based micro-tipping bot for Slack communities: https://gitlab.com/indium/slackbot
- Some scripts for utility / curiosity: https://gist.github.com/nileshtrivedi

QUALIFICATIONS

Sun Certified Java Programmer - 2005
Scored 100.0% in Coursera's Machine Learning class - 2013

EDUCATION

MBA (Marketing)   July 2006 — March 2008
IIM Lucknow

B.Tech. (AeroSpace Engineering)   July 1999 — May 2003
IIT Kharagpur

INTERESTS

Programming for fun, making music, and reading non-fiction. Over the years, I have presented at various conferences such as BarCamp, RubyConf, JSFoo, Makerfest etc.

- Homepage: https://www.nileshtrivedi.com/
- Twitter: https://twitter.com/nileshtrivedi
- Making Music: https://www.nileshtrivedi.com/music.html

I also take delight in teaching and helping young people achieve their full potential.

REFERENCES

Viswanath Ramachandran, Founder, Hippily (I was reporting to him when he was CTO at Webaroo)
Email: viswanath.ramachandran@gmail.com

Tathagata Mitra, Product Manager, ZopNow (I worked with him when he was Director of Products at Webaroo)

Email: tathagata@gmail.com