

Nilesh Trivedi

CONTACT

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SUMMARY

I have built high-tech products and built / lead engineering and product management teams 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

- Built an in-house team (native mobile apps, backend) to take over the project from an external development agency
- Built a heavily-automated lead generation-conversion pipeline by integrating many different systems (LeadSquared, Unbounce, Vymo, Locus, LiveChat, Telephony)
- Built an in-house platform for optimally scheduling home visits across India to increase revenues
- Took on additional responsibility as designer & product manager
- *Tech used: Java, Ruby, Rails, Play framework, Heroku, Android, iOS, Digital Ocean*

Independent

2013 — 2015

Consulting Engineer

- Provided engineering assistance for tech startups ranging from web and mobile apps to robotics to hardware, electronics, computer vision and machine learning
- Built algorithmic trading systems and a web-based workbench for backtesting. *Tech used: Ruby, Rails, Javascript, Python, AWS, Docker, Redis and Discourse*
- 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: Physics, Javascript, Canvas APIs and Ruby*
- Advised a smart home appliance startup (Zapati: Automatic, portable, Roti-making machine). *Tech used: Arduino, OpenCV, AVR, Mechatronics*

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*

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 but failed to optimize the sales process in time
- 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 satellite 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)

IIM Lucknow

July 2006 — March 2008

B.Tech. (AeroSpace Engineering)

IIT Kharagpur

July 1999 — May 2003

INTERESTS

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

- Homepage: <https://www.nileshtrivedi.com/>
- Making Music: <https://www.nileshtrivedi.com/music.html>

I also take great delight in teaching young people - adults and children alike.

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)

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