

## Milind S Shah

---

### Objective:

- To come up with innovative ideas to design computer-based solutions to real-life problems faced by the society.
- To utilize the power of the Internet and use web technologies for the benefit of the common society by designing interactive, responsive good-quality web applications that communicate with devices to offer humans control over their operation.
- To attempt to bridge the gap between humans and computers and assist mankind in building their timeline-style biographies and thought/event detail recall in the future.

### Work Experience:

Role	Company	From	To
Web Application Development - Symfony PHP & Java	Rakuten Research	January 2015	September 2015
Business Data Visualization & Analysis - Domo	Rakuten Research	October 2015	ongoing
Backend API Development	Rakuten Research	June 2016	March 2016
Smartphone Application Development - Android & iOS	Rakuten Research	April 2016	ongoing
Machine Learning for Data Cleaning	Rakuten Research	May 2017	ongoing

### Academics:

Course	Institute	From	To
Bachelor in Engineering	<a href="#">K J Somaiya College of Engineering</a>	August 2010	June 2014
HSC (12 <sup>th</sup> ) - ISC	<a href="#">Smt. Sulochanadevi Singhanian School</a>	June 2008	April 2010
SSC (10 <sup>th</sup> ) - CBSE	<a href="#">Lok Puram Public School</a>	June 2007	March 2008

**Programming Languages Known:** C, C++, Java, Python, C#, Objective-C, Swift  
 Other technology skills : HTML, CSS, JavaScript, SQL, PHP, XML, JSON, AJAX, Redis  
 Platforms: Windows, Mac OS X, Ubuntu, Fedora, CentOS, Android, iOS  
 Tools: JIRA, Confluence, Git\*, Trello, Hipchat, Slack

**Interests:**

General Programming, Software Testing, Software Design, Software Documentation, Web Application/Services Development, Usability, Navigation and Design/UX, Cryptography, Operating Systems, Data Warehousing, Mining and Analytics, Visualization and Business Intelligence, Social Impact.

Currently working on Smartphone Application Design & Development, Backend API and business data visualisation (dashboards)

**Project Work:**

- “**RTVE**” - Designed and Developed a Video Encryption Algorithm for MPEG4 Part 10 AVC - H.264 with key-based multi-level chaotic shuffling.
- “**DesktopBuilder**” - Developed a Computing Peripherals Website & hosted on free domain (at 0fees.net) using free Cloud Database (at xeround.com) for device compatibility and comparisons.
- “**vCardSC**” - Developed a simple app in J2ME to port contacts from supported mobile devices to a backup file and an accompanying standalone Java program to split the file on a PC.
- “**CrazyKeyboard**” - Developed a Java AWT application and an applet to host a coding event at a college Tech-Fest conducted by SAHAS.

**Co-curricular Activities:**

- Participated in several Mathematics & Science Talent Search Examinations.
- Participated in several Green Olympiads held by TERI & TerraQuiz held at school.
- Participant at the 3<sup>rd</sup> National Aerospace Olympiad held in 2009.

**Extra-curricular Activities:**

- Creative & Technical Head of the Students’ Association for Humanities and Sciences (SAHAS) Council of the college.
- Member of the Contraptions team at Abhyantriki 2012.
- Runner-up in CSI vs CSI-Battlefield at Renaissance 2012 held in KJSIEIT
- Volunteer for various fests and events of SAHAS - Zeal 2011.
- Lead Organizer and Event-Designer for a SAHAS event “Crazy Keyboard” - Abhyantriki 2011.
- Participated in various Inter-School & Intra-School Drawing / Painting competitions.

**Achievements:**

- Qualified the CBSE Regional Science Exhibition held at Rajhans Vidyalaya, Mumbai in August 2007.
- Participated in the National Level CBSE Science Project Exhibition held at Hansraj College, Delhi in September 2007.
- Participant and runner up at the CSI-event “Code Swap” - Abhyantriki 2012.

**Personal Details:**

Date of Birth: 1992年12月16日

Nationality: Indian

Marital Status: Single

Current Residence: Tokyo/東京

Languages Known: English, Hindi, Marathi, Gujarati and Japanese

Countries visited: Japan(日本), Taiwan(台湾), Hong Kong(香港), Singapore, Malaysia, Indonesia, UAE, New Zealand, USA(合州国/米国/合衆国).

**Certifications:**

Japanese Language Proficiency Test (JLPT) N4

**Hobbies:**

Wikipedia – Editing Articles

Google Maps - Local Guides

Fun & Gaming - Cycling, Swimming, Carrom, Tennis, Table Tennis (Ping Pong),

Scrabble, Monopoly, Mario, Tanks, Need for Speed, Grand Theft Auto, Asphalt

Others - Listening to Music, Reading Novels, Watching Movies, Social Networking

Food - Vegetarian Food finder mission across the globe

Travel - consumed by wanderlust, peripatetic itinerant