

# ATISHAY JAIN

San Francisco Bay Area, California.  
<http://atishay.me>, [contact@atishay.me](mailto:contact@atishay.me), +1(415)-202 4396

## EXPERIENCE

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| <b>Computer Scientist</b><br><b>Creative Cloud Libraries</b>  | <b>Adobe Systems</b>                  | <b>July 2010-Present</b><br><b>Sept. 2015 - Present</b> |
| <ul style="list-style-type: none"><li>• Part of the team that develops ingredient sync for Adobe's flagship sync solution for ingredients.</li><li>• Play significant role in deciding the interchange formats of ingredients and concept &amp; code re-use across multiple diverse platforms across Adobe's Desktop, Web and Mobile properties.</li><li>• Spend considerable time understanding the diverse re-usable styles, their differences across the realms of design from videos to screen illustrations and print.</li></ul>                         |                                       |   |
| <b>Adobe Shape (Now Adobe Capture)</b>  |                                       | <b>July 2015-Sept 2016</b>                              |
| <ul style="list-style-type: none"><li>• Only engineer who participated in creation of Adobe Shape from prototype to release (Adobe Max 2014). Was involved in the entire cycle of ideation, prototyping, validation, optimization and release. The app saw over a million downloads in less than a year before being merged into Adobe Capture.</li><li>• Spent considerable amount of time learning complexities around image segmentation, edge detection and augmented reality using OpenGL in a mobile environment.</li></ul>                             |                                       |   |
| <b>Adobe Kuler (<a href="https://color.adobe.com">https://color.adobe.com</a>)</b>  |                                       | <b>July 2011-Sept 2016</b>                              |
| <ul style="list-style-type: none"><li>• Influential member of the small member team that resurrected Adobe Kuler (1M+ registered users) from maintenance mode to be a part of two consecutive Adobe Max keynotes (2011, 2013).</li><li>• Major contributor to the architecture and implementation of the full web stack, its deployment as well as the native iOS Adobe Kuler app (now Adobe Capture). The app had over a million downloads before being merged into Adobe Capture.</li><li>• As a senior, I mentored new developers into the team.</li></ul> |                                       |   |
| <b>Adobe Illustrator/InDesign</b>   |                                       | <b>July 2010-July 2011</b>                              |
| <ul style="list-style-type: none"><li>• Managed the Adobe Creative Suite SDK which powers HTML based extensions including the Adobe Digital Publishing Suite into Adobe InDesign using InDesign's COM based architecture as well as into Adobe Illustrator's traditional suite based architecture.</li></ul>  |                                       |   |
| <b>Intern</b>   | <b>Informatica Business Solutions</b> | <b>Jan-June 2010</b>                                    |
| <ul style="list-style-type: none"><li>• Developed a working Prototype of Informatica PowerExchange for Oracle Essbase based on a wizard based layout using Java Spring framework.</li></ul>   |                                       |   |
| <b>Intern</b>   | <b>Microsoft Corporation</b>          | <b>June-July 2008</b>                                   |
| <ul style="list-style-type: none"><li>• Developed a Fault Injection tool to test Windows Mobile 6 applications which could inject functions before and after any function present in a dll, including system calls like malloc and fopen using C# dot NET, Win32 C++ APIs.</li></ul>  |                                       |   |

## EDUCATION

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|---|----------------------------|-------------------------|
| <b>Graduate Certificate in</b><br><b>Artificial Intelligence</b>  | <b>Stanford University</b> | <b>Jan 2016-Present</b> |
| <ul style="list-style-type: none"><li>• Completed courses CS228 (Probabilistic Graphical models) and CS231A (Computer Vision) towards the graduate certificate and pursuing CS157(Introduction to Logic).</li></ul> |                            |                         |

**B.E., Computer Science****Thapar University, Patiala (India)****June 2006-July 2010**

- Bachelors with a CGPA of *9.84(10)*.
- Scored *96.25%* in Class XII & *94.6%* in Class X (ICSE, New Delhi).
- Completed both school and college on 100% merit scholarship from the respective institutions.
- Amongst top 1% in IIT-JEE and AIEEE (2006, 2007)
- Consistently among the top 5 students throughout the academic life achieving 2<sup>nd</sup> position in the state in Class XII.

**PATENTS AND PUBLICATIONS**

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- Jain, Atishay, Shamit Kumar Mehta, Stakshi Jindal Garg, Geoffrey Charles Dowd, Arian Behzadi, Joseph Michael Andolina, and David Ericksen. Generation of Salient Contours Using Live Video. Adobe Systems Incorporated (San Jose, CA), assignee. Patent US-9449248. 20 Sept. 2016. Print.
- A. Jain, A. Tanwer, "Architecture for High Density RFID Inventory System in Internet of Things", Communications in Computer and Information, Vol 132, pp 617-626, Springer.
- Harsh Dhaka, Atishay Jain, Karun Verma, "Impact of coordinator mobility on the throughput in a ZigBee mesh networks", Advance Computing Conference (IACC) 2010 IEEE 2nd International, pp. 279-284, 2010.
- A. Jain, A. Tanwer, "Modified Epc Global Network Architecture of Internet of Things for High Load Rfid Systems, Proceedings of International Conference on Advances in Computer Science, 2010.

**AWARDS**

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- Adobe Systems - Outstanding Young Engineer's Award (2015), Special Contribution (2015), Spot Awards (2015, 2013, 2012).
- NTS Scholar – Received scholarship from NCERT, Govt. of India (2004).
- Adobe Kuler iOS - IxDA Interaction Design Award (2014), Communication Arts' Interactive Design Award (2014), FWA Mobile of the Day (2013).
- Adobe Shape CC - Horizon Interactive Award (2015).
- Represented Thapar University in the ACM ICPC Asia Regionals for three years (2007-2009).
- Multiple awards during college –IIT R Cognizance (2008), IIT-K Kshitij(2008), Schneider Electric Innovation Challenge (2009), Infosys Aspirations 2020, NetApp Texhibit, PECFest 5 alongside multiple intra-college programming contests.
- Chief Website Developer and Head Computer Science Event Organizer in the college's technical festival, Aranya 2008 (20k+ peak weekly visitors).
- Multiple awards during school – ISCE AAT National ranks (Geography, Biology), Survey of India Map Quiz alongside multiple intra-school and intra-district contests.

**TECHNOLOGY**

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- Full Web Stack (HTML/CSS/JS & Node.js) over AWS.
- C/C++, Objective-C (iOS, OSX), Win32.
- Comfortable with research, prototype, development deployment, migration, maintenance of Desktop, Web, Console and Mobile applications.