





# Agam Dua

## Software Engineer & Product Manager

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agamdua   
merlinsbrain 

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I enjoy building things that enable people to live more comfortable lives.  
I'm looking to work on challenges at the interface between product development and research.

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## Work Experience & Technical Knowledge

### From February 2014 to present

Founder & Product Architect  
Comfy Labs

Tools: Python, Django, AngularJS, Ionic  
Framework, Github, Basecamp, Hipchat

Work with **early stage startups as technical cofounders**

Provide expertise in converting ideas to concrete **wireframes**,  
collect feedback to iterate and **development for web & mobile**  
**Professional mentoring** services for Python/Django/git

### From April 2013 to January 2014

Software Architect  
tutorific!

**Led the machine learning group and design the platform architecture**

**Liason** between web, graphic and data groups with **hands on**  
contribution in all three.

### From July 2012 to April 2013

Software Architect  
ContentFlow Technologies

Introduced **development workflows with emphasis on**

**collaboration & maintenance** - documentation, code reviews,  
Git flow, testing, etc.

Tools: Python, Django, scipy, numpy, pandas,  
scikit-learn, selenium, Github, Asana

Handled **tech recruiting on a bootstrapped budget** with an  
~80% conversion rate (max tech team size was 7)

Made the product **technical pitch to various VCs**, angel  
investors and potential (B2B) clients

## Educational Qualifications

### B.Tech (Computer Science & Engineering)

Amity School of Engineering & Technology, Amity University - May 2012

## Conference Presentations

*Observation-Oriented-Decision-Action (OODA) Loop and Behavioural Perspective in Defense Services at ICAMP 2011*

*Profile Based Community Structuring in a Heterogeneous Social Network System at Paritantra 2011*

*System for Machine Classification of Musical Instruments at Paritantra 2010*

*Optimizing Power Consumption in Storage Devices by Implementing the Log-Structured File System and RAID at Paritantra 2009*

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