

# Samrat Ambadekar

User Experience Developer

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## EDUCATION

**Georgia Institute of Technology**

*MS Human Computer Interaction*

Aug 2012 - May 2014

**University of Pune, India**

*BE in Computer Engineering*

Aug 2004 - May 2008

## SKILLS

### Design

Rapid Prototyping

Data Visualization

Sketching

Wireframes

Persona

Process Flows

## TOOLS

### Programming

HTML, CSS

JavaScript,

jQuery, C#,

Java, SVG,

ActionScript,

XML, JSON

### Prototyping

Photoshop

Illustrator

After Effects

CorelDraw

Balsamiq

Axure

## NOTABLES

Technical reviewer for books on Three.js and D3.js.

Shortlisted amongst 10 best designed apps on IPTV

## PROFESSIONAL EXPERIENCE

### Design Prototyper

Cox Communications

Oct 2014 - Present

Atlanta, USA

Rapid prototyping of designs for web and mobile.

Design and prototype user experience for home automation and Internet of Things.

Data visualization of user activity during hardware and software interactions.

### Software Developer

Infosys Ltd

Sep 2008 - Jul 2011

Pune, India

Designed and developed customer facing apps for IPTV.

Improved cross platform interface consistency through usability analysis and testing.

Designed and executed functional tests that improved application performance.

Developed efficient backend services that impacted thousands of users.

### Software Intern

TechJect Inc

May - July 2013

Atlanta, USA

Analysed linux OS versions for deployment on robot drone called Dragonfly.

Worked with remote team for OS customization.

### Consultant

Urban Genesis

Aug 2011- Jun 2012

Pune, India

Worked on web development, branding and content presentation for the architectural startup.

## NOTABLE PROJECTS

### Github Visualization

2013 - 2014

*D3.js*

Designed and developed an interactive visualization system for GitHub that improved usability and analyticity of existing graphs.

### EZ-Ballot

2013

*Windows Tablet, C# .NET*

Designed and prototyped a voting experience for visually and physically disabled voters.

### PeerSpot Augmented Reality App

2012

*Wikitude AR browser*

Designed and developed an application that integrated transport services at Georgia Tech and improved spatial mapping using augmented reality.

### IPTV App Development | Infosys Ltd

2008 - 2010

*Microsoft Mediaroom, C# .NET*

Designed and prototyped application for IPTV set top box. Notable apps include Interactive Maps and Interactive Chess.