

# Barath Jawahar

## User Experience Engineer

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## Education

**Carnegie Mellon University**  
2013-2014 (expected)

Masters in Human Computer Interaction

**BITS Pilani**  
2007-2011

Bachelor of Electrical and Electronics Engineering (hons)

## Work Experience / Projects

**Panasonic Silicon Valley Laboratory**  
Cupertino, USA  
Jan 2014-present

### *Capstone Project, User Experience Lead*

Part of a team creating a digital solution to fight childhood obesity through a comprehensive understanding of user needs.

**Group Against Smog and Pollution**  
Pittsburgh, USA  
Jan 2014 - May 2014

### *Interaction Designer*

Conducted a user-centred redesign of the Bicycle air-monitoring project (a crowd sourced air pollution measuring system). Created a high-fidelity Axure prototype.

**Samsung India Software Operations**  
Bangalore, India  
July 2011- Oct 2012

### *Software Engineer*

Worked on ActiveSync, a mobile application which syncs mail, tasks, calendar and events with a server. Maintained and redesigned user interface on both Android and Samsung GSM platform. Developed a client side bayesian spam filter.

**Oracle Financial Software Services**  
Bangalore, India  
2010

### *Intern*

Developed and enhanced critical in-house data modelling software tool used by developers and testers in the company. Helped automate the task of user manual creation.

**ARASVPV & CO**  
Tirunelveli, India  
Dec 2012 - Aug 2013

### *Partner*

Managed showroom operations of a Maruti Suzuki car dealership in 3 districts with over 300 employees.

## Skills

### PROGRAMMING LANGUAGES

C, C++, Java, Python, HTML, Javascript, SQL, PHP, ASP.net, VB.net

### SOFTWARE TOOLS

Adobe Creative Suite (Ps+Ai+ID), Unity, Matlab, AutoCad

### USER RESEARCH METHODS

Storyboarding, Affinity diagrams, Think Alouds, Usability testing, Heuristic Evaluations, Contextual Inquiry, Wireframing, Log Analysis, High Fidelity Prototyping