

# Priyan Vaithilingam

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## Education

### Indian Institute of Technology (IIT), Indore

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

Indore, India

June 2009 - May 2015

## Work Experience

### Microsoft Research India

RESEARCH FELLOW

- CodeTalk: Improving programming accessibility for Visually impaired developers.
- Email Insights: Features of web search, and mobile like familiar interface to Email Search.
- PSharp: Safer Asynchronous programming language.
- SmartStick: AL and ML enabled walking stick for visually impaired people.

Bangalore, India

Mar. 2016 - Present

### Microsoft India

SOFTWARE ENGINEER

- Migrating the internal data services tool to Cosmos:Microsoft's big data platform.
- MACH journalist for Microsoft Internal newsletter.

Hyderabad, India

June 2015 - Mar. 2016

### Student Entrepreneurship Support Cell, IIT Indore

CO-FOUNDER & E-LEADER

- Won 2nd place in National Entrepreneurship challenge on behalf of the club.
- Secured funding for incubating 5 start-ups within the institute.

Indore, India

Aug. 2013 - Jan. 2015

### Microsoft India

SOFTWARE DEVELOPER INTERN

- Worked on Enterprise feedback management.
- Made the AI for Battleship game (internal) for XBOX Kinect.

Hyderabad, India

May. 2014 - July 2014

## Press & Media

AI's big leap to tiny devices opens world of possibilities, Microsoft Blog

June 2017

Find messages faster with the Microsoft Garage's latest release, Email Insights, Microsoft Blog

Feb. 2017

## Projects

### CodeTalk: Improving Programming Environment Accessibility for VI Developers

Microsoft Hackathon 2017 worldwide 2nd place in Developer Category

Microsoft Research

### Smartstcik: AI and ML enabled smart waking stick for VI people

ML algorithms open sourced. Featured in Microsoft blog.

Microsoft Research

### PSharp: Safer Asynchronous Programming Language

Open source in Git Hub

Microsoft Research

### Email Insights: Faster and Relevant Email Search

Officially released by Microsoft

Microsoft Research

### SmartLockscreen: A lockscreen which understands you.

Top 3 in Computer Science Projects. Open sourced

IIT Indore

### BattleShip Game for Kinect

Released internally within Microsoft

Microsoft India

### Pac-Man in 3D: With autonomous playing

OpenGL for graphics. A\* and Neural nets for AI. Open sourced

IIT Indore

## Honors & Awards

2017 **Microsoft Hackathon 2017**, Wordlwide 2nd Place (developer category)

2015 **National Entrepreneurship Challenge, 2015**, 2nd Place