



Accessibility technology, made with love in India.

Introduction

We are on a mission to make technology accessible to everyone, regardless of literacy, age, language, or disability.



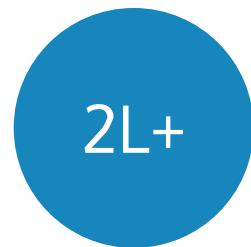
Based in New Delhi



Team size ~10

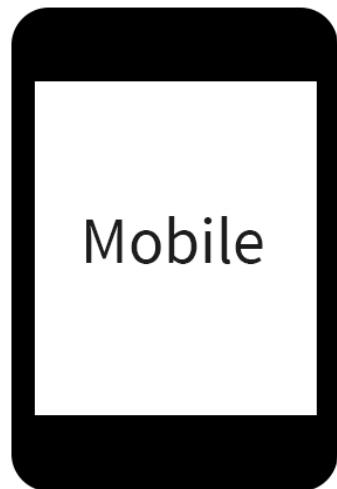


Founded in 2016



Monthly product views

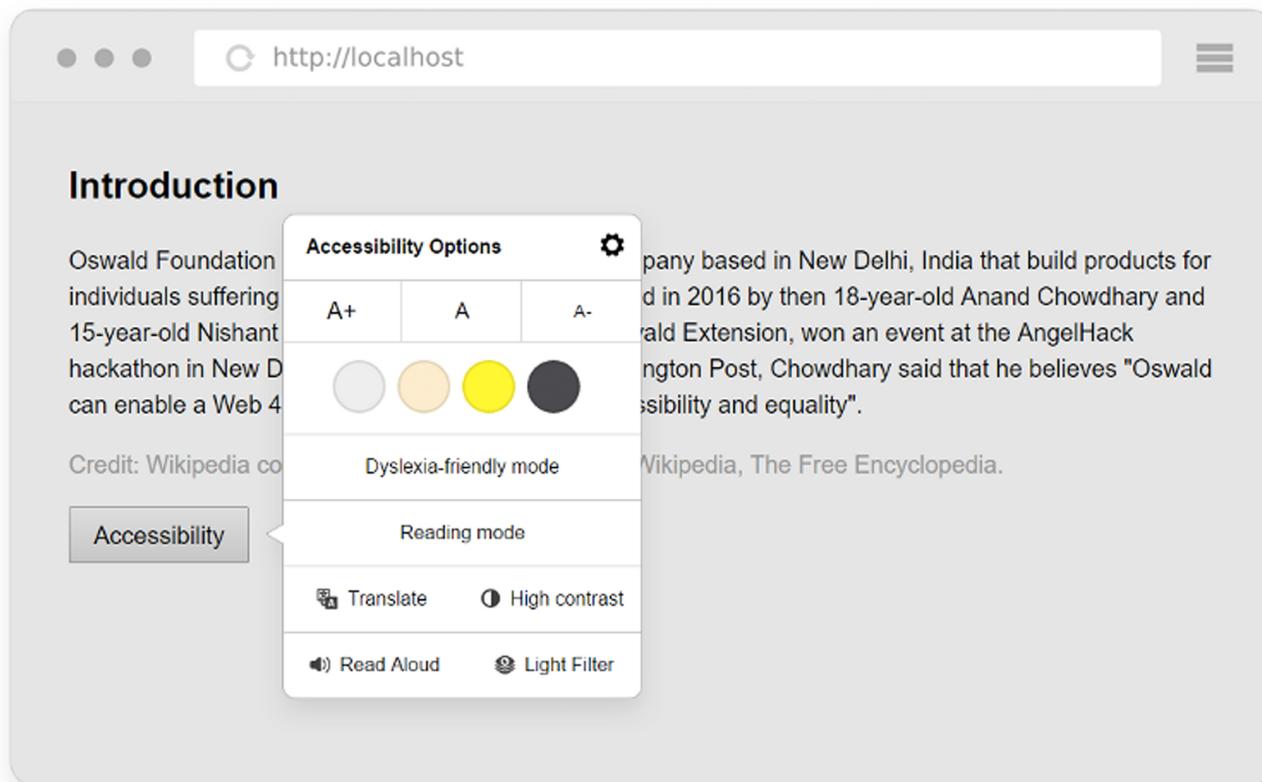
2 platforms, 2 products.



Shravan
B2C

Agastya
B2B

Agastya



Agastya is a solution for web developers to help incorporate accessibility features in their websites. By adding just one line of JavaScript code, you can make your website accessible to a much wider audience. You can customize the widget, view usage analytics, and more.

Agastya is also helpful for people with dyslexia, because it comes built-in with an option that adjusts the color-contrast ratio and typography to best suit the needs of someone with a learning disorder, based on previous research conducted by the W3C and the British Dyslexia Association.

Agastya Features

By adding just one line of JavaScript code, you can make your website accessible to a much wider audience

Agastya Demo

Agastya is a solution for math educators to help incorporate accessibility features in their websites. By adding just one line of Agastya by code, you can make your website accessible to a much wider audience. You can customize the widget, view usage analytics, and more.

Agastya is also helpful for people with dyscalculia. You can use it to convert math with an option that color-corrects red over blue to best suit the needs of someone with a learning disability, based on a previous research conducted by the NCSC and the British Dyslexia Association.

Click on the "Accessibility" button below to see Agastya in action.

[Accessibility](#) [Get Agastya →](#)

Agastya Demo

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Agastya Demo

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Sepia Mode

The subtle shift to a sepia theme decreases the stark contrast of bright white light on black text that can strain the eyes, and is recommended for reading for longer durations due to lower screen luminescence.

Night Mode

White-on-black works best in conditions where there is very little light or no light at all. It doesn't project the bright light to the eyes and the text is easier to read without putting extra effort on eyelids. It also inverts other visual elements.

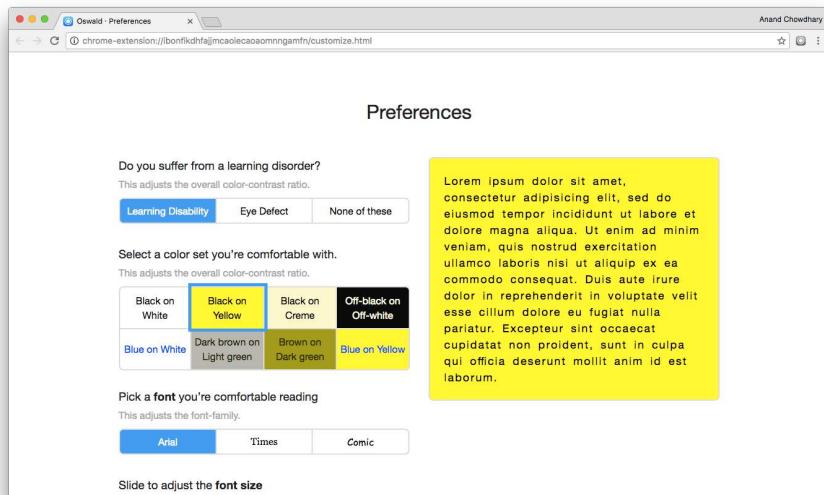
Translation

What if your website's content was available in all languages? Agastya comes built-in with Google Translate, so your website's content is accessible to everyone, regardless of the language they can read in.

Dyslexia-friendly Mode

It adjusts the color-contrast ratio and typography (to Open Dyslexic) to best suit the needs of someone with a learning disorder, based on previous research conducted by the W3C and the British Dyslexia Association.

CUSTOMIZATION



'This was a week I will not soon forget'

Read | Read Aloud

"We use the word "historic" perhaps too much, but the prime minister's visit certainly was historic in so many ways."

United States Ambassador to India Richard Rahul Verma addressed a conference on security and strategic outcomes, June 9.

The conference was organised by The Heritage Foundation, Washington, DC, and the India Foundation, New Delhi, which is headed by Shauya Doyal, whose father Ajit Doyal is India's ambassador to the US.

This is what Verma, who began his speech thanking Assistant Secretary of State for South and Central Asian Affairs Nisha Biswal and India's ambassador to the US Arun Singh,

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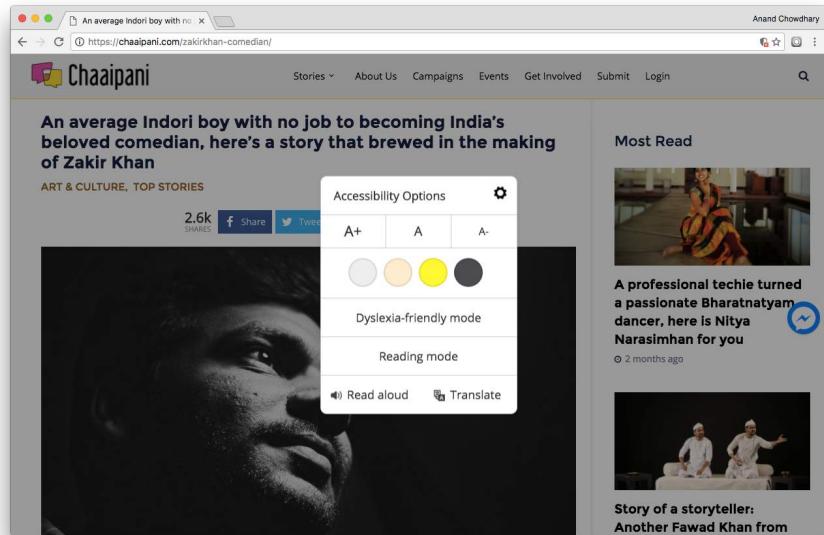
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Preferences

Do you suffer from a learning disorder? This adjusts the overall color-contrast ratio.

Learning Disability Eye Defect None of these

Select a color set you're comfortable with. This adjusts the overall color-contrast ratio.

Black on White Black on Yellow Black on Creme Off-black on Off-white
Blue on White Dark brown on Light green Brown on Dark green Blue on Yellow

Slide to adjust the font size

LEARNING DISABILITIES

Based on the specifications provided by the British Dyslexia Association and the World Wide Web Consortium, it automatically corrects the typography, contrast ratios, and other visual elements on a webpage to make reading easier for users with learning disabilities.

VISUAL IMPAIRMENT

On the press of a button (or a key), it extracts all relevant content on a webpage and reads it out in a language of the user's choice. Valmiki can also translate that text into another language, and visually impaired users only have to press a few keyboard shortcuts for all of this.

SENIOR CITIZENS

Senior citizens who are not used to browsing the web can switch to the Reading Mode which removes all unnecessary links, ads, and popups, and presents the relevant content in a beautiful readable format. They can also easily change the font size and contrasts based on their eye defects.

EVERYONE ELSE

The extension is incredibly customizable, and users can easily change all properties and styles like text color, font family, and image contrasts for a consistent experience across the web. It remembers your settings, and they are automatically applied on any website you visit.

“ India to have 1 billion mobile users by 2020: GSMA

Why Now?

The number of 4G connections is forecast to grow rapidly, growing from just three million at the end of 2015 to a quarter billion by 2020.

India needs a smartphone that's accessible to the 325 Million illiterate, 100 Million senior citizens, 45 Million visually impaired, and 15 Million blind users.

India needs a smartphone that can be used in all 22 official languages and that is customized for the Indian user, with Aadhaar integration, cashless payments, seamless updates, and everything in between.

Diverse Market



325M Illiterates

India has the largest illiterate population.



100M Senior Citizens

This is expected to grow to 173M by 2026.



45M Visually Impaired

Again, the largest in the world.



20M Disabled

Need to build special features for them.

Introducing the Shravan smartphone.



Breaking Barriers in Smartphone Usage

It works for people who have visual impairment, learning disorders, or are senior citizens. It also works for villagers, illiterate audiences, disabled users, and everyone in between.

Patent-pending Technologies

It uses accessible interface patterns with different modes for correcting system-wide settings using a patent-pending combination of vibrations, speech, and touch.



Features



Voice Assistant
Talk to your assistant
and get things done.



News, Search, Internet
Listen to the latest news,
get answers, and more.



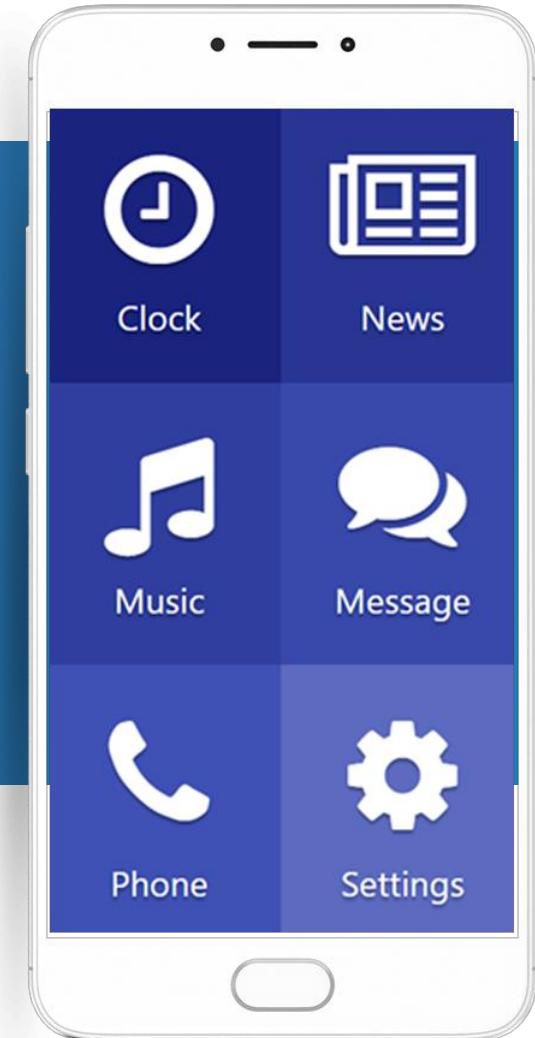
Music Streaming
Latest English, Hindi,
regional music for free.



Emergency Features
One-tap access to
emergency services.

Breaking the Language & Illiteracy Barrier

Shravan works in Indian regional languages like Hindi, Bengali, Telugu, Marathi, Tamil, Urdu, Gujarati, Kannada, Malayalam, and more. Talk to it if you can't read.



Features



Aadhaar Integration
Verify and remember
who you are, always.



Shravan Messenger
Free Shravan-to-Shravan
messaging over IP.



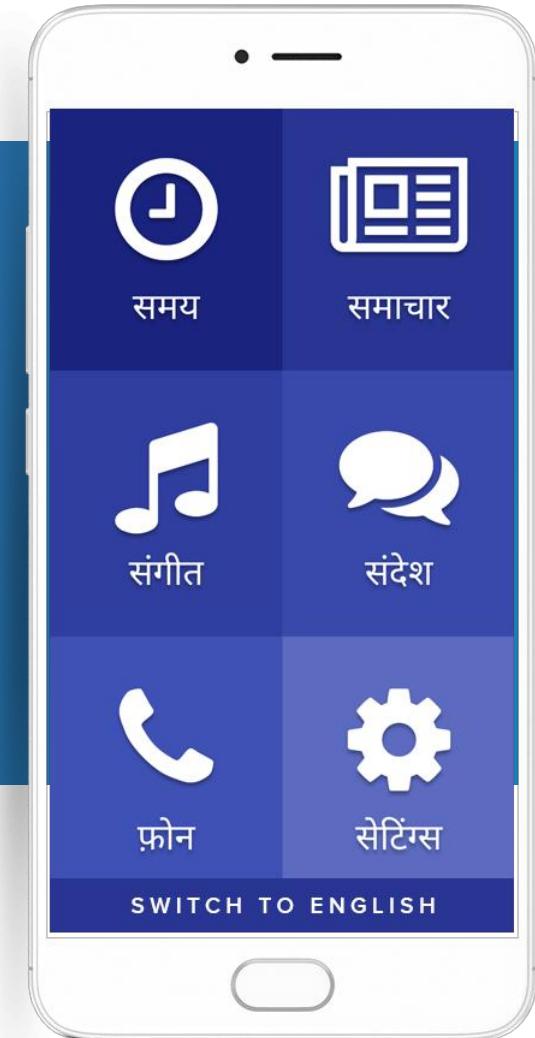
Cashless Payments
Built-in digital wallet
for secure transactions.



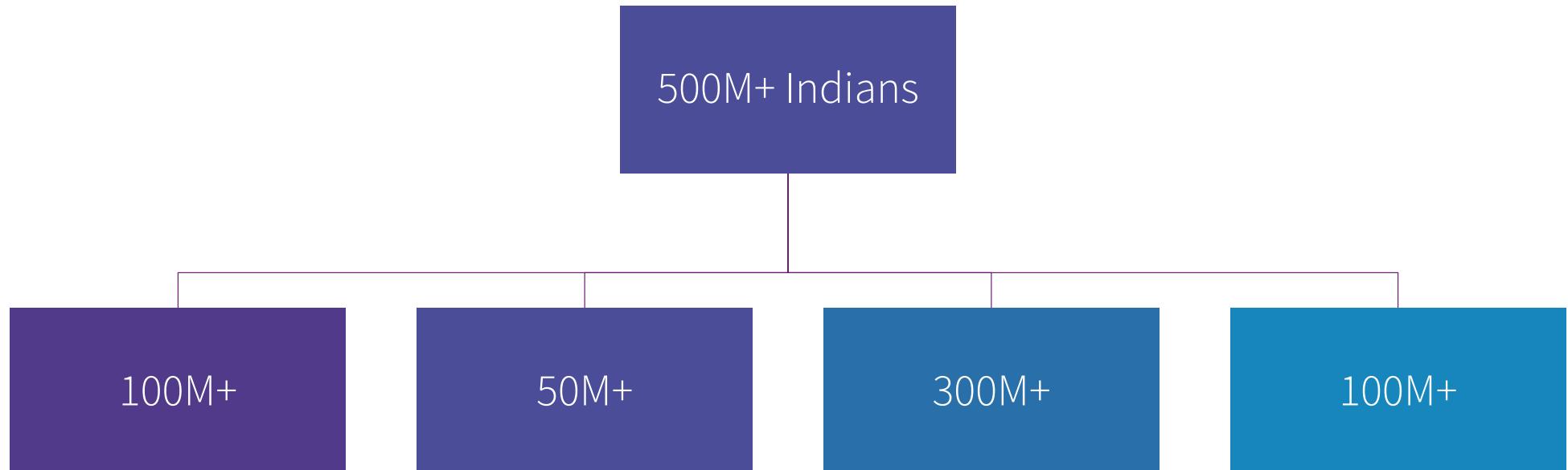
Automatic Updates
Seamless over the air
updates in background.

Breaking the Language & Illiteracy Barrier

Shravan works in Indian regional languages like Hindi, Bengali, Telugu, Marathi, Tamil, Urdu, Gujarati, Kannada, Malayalam, and more. Talk to it if you can't read.



A smartphone in every hands



Senior Citizens

Shravan's easy-to-use interface with large touch areas is great for older users.

Blind/Visually Impaired

Shravan works with speech and vibrational feedback for user who cannot see.

Unlettered/Villagers

You don't need to read or write if you can't. Work with shapes, icons, and colors.

Learning Disorders

Simplicity and a special dyslexia-friendly mode make Shravan super accessible.

Business Model

Mid-2017: Software

Download – Install – Shravan

You can upgrade any Android-based smartphone into a Shravan smartphone by downloading and installing our toolkit.

Stretch Goal: OEMs

You can purchase a low-cost Shravan smartphone with a big screen, strong haptic engine, and powerful speakers for as low as ₹3000, which is affordable to our target audience.

Market Adoption

Partnerships

We are partnering with blind schools, relief organizations, and other NGOs working for the disabled to get our product directly in the hands of our customers.

Online

An accessible ecommerce store can be built, where users can pay online and download and install the software with a very simple one-step process or order a Shravan device to their homes.

Competition

	Shravan	Feature Phone	Basic Android Phone
Phone Calls + SMS	Yes	Yes	Yes
Native Language	Yes	No	No
Accessible to Everyone	Yes	No	No
Internet	Yes	No	Yes
Price	₹ 3,000	₹ 1,500	₹ 5,000

We're selling what you can do with it.

Free messaging

Connectivity & ease of access

Music streaming

Wikipedia app

Education & empowerment

Study material

Sexual health

Healthcare & support

CureInstant app

Make payments

Cashless economy

Aadhaar in-built

Assistant & search

Access to information

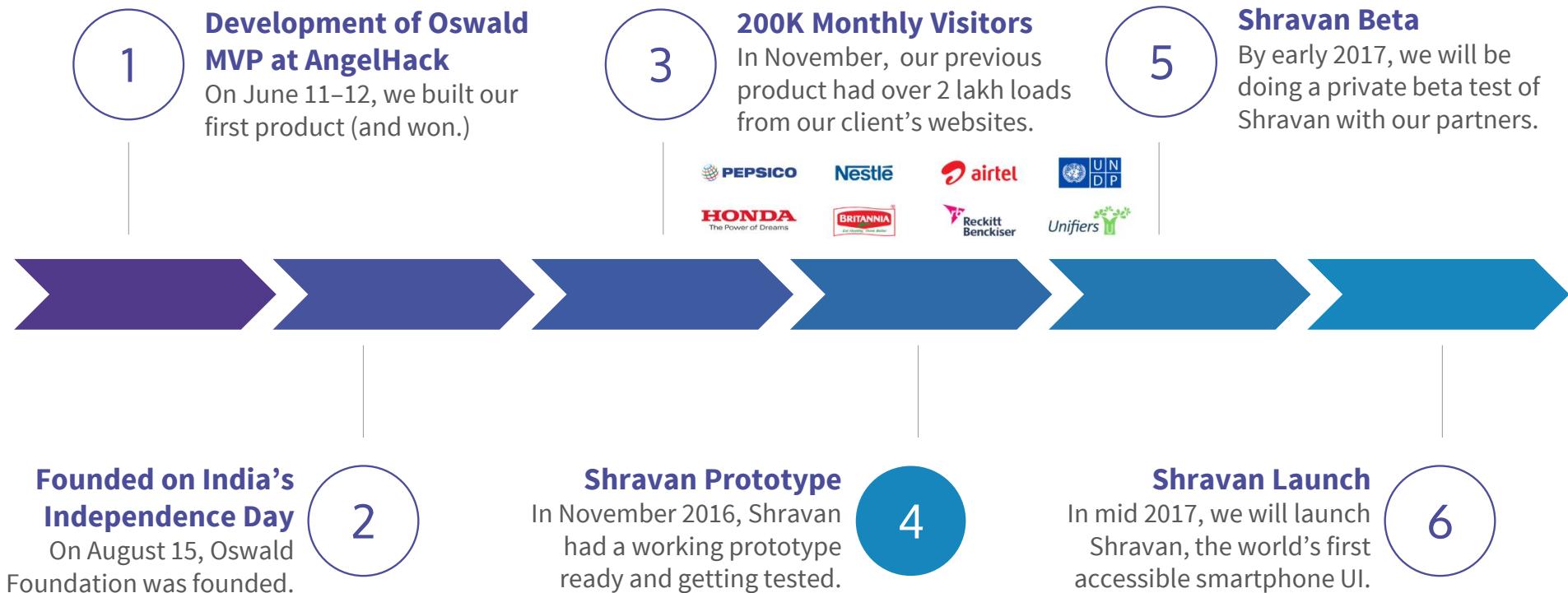
25+ languages

Recyclable

Environment-friendly

Wind-powered

Timeline



Team

Oswald Foundation is a young company of ~10 motivated people.

We want to make technology accessible and empower millions.



Anand Chowdhary

Co-founder & CEO

Previously worked with Government of Delhi, consultant to 10+ startups. Dropped out in July to build Oswald Foundation.



Nishant Gadihoke

Co-founder & CTO

Previously worked with Google, user experience designer. Currently in highschool, handles our technologies and products.



Mahendra Singh

Co-founder & COO

Previously worked with Nokia, electronics engineer by profession, manages and expands Oswald Foundation.



Erik Hasenoehrl
Research Advisor

Research Fellow at Procter & Gamble in the Cincinnati Area, US, holds a PhD in Analytical Chemistry and helps us in research and development.

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Gagan Bhasin
Mobility Advisor

Director at Nokia Network Planning and Optimization, helps us in understanding telecommunications and the smartphone market.

tw



Abhinav Tandon
Partnerships Advisor

Cofounder of StartupGurukul, a startup mentorship and coworking space, and founder and CEO of Lasie Foundation, a leading NGO in Delhi.

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Pankaj Kankaria
Investment Advisor

Director at Scale Ventures, angel investor, and previously Associate Director at Ola with a masters' from the University of Edinburgh.

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Siddharth Shetty
IndiaStack Advisor

Product Manager at Exotel, India's largest cloud communications platform, and contributor at IndiaStack, the set of Digital India APIs we're using.

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Tobias Stone
Eye Innovation Advisor

Founder of EYE Focus Accelerator, the world's first startup accelerator program for companies developing for living with visual impairment.

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Arnav Gupta
Technology Advisor

Android developer and instructor at Coding Blocks, GSOC intern, open source contributor, and CyanogenMod and AOKP device maintainer.

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Pradeep Chowdhary
Design Advisor

Product designer, founder of Industry Development India, holder of multiple patents, previously at GE Plastics with a masters' from NID.

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Achievements



Winners, Startup India Rocks! 2016 out of 1000+ companies across India.



Incubees, EYE Focus Accelerator (London/ Berlin) batch of 2016–2017



A Cross Border Angels & Investors (Scaale Group) supported company.



Winners, P&G Sponsor Award at Lady Hacks & Code4Impact at AngelHack



Selected as one of India's few IBM Global Entrepreneur companies.

Oswald Foundation has been featured by these leading publishing houses

