Mobile Apps on AI and Inclusion

Mobile apps for the Blind and Visually Impaired
Mobile apps for the Deaf and Hearing Impaired
Mobile apps for the Wheelchair and Mobility Scooter users
Mobile apps for the Dyslexia
Mobile apps for the Autism
Mobile apps for the Alzheimer’s and Dementia
Mobile apps for People on the Move
Mobile apps for Indigenous Peoples’ Language
Mobile apps for Teacher Support

Mobile apps for the Blind and Visually Impaired

Be My Eyes
Be My Eyes is a mobile app that connects blind people, or those with visual impairments, to volunteer’s helpers all around the world via a live video chat.

The aim of the app is to help blind people with everyday tasks, from navigating in new surroundings to checking the expiry date on a pint of milk.

Hans Jørgen Wiberg, the founder of Be My Eyes, has stated that the app will make a big difference in the everyday lives of blind people all over the world.

You can download the app here.
Learn Braille Alphabet

Another brilliantly innovative app, Learn Braille Alphabet is an app widely used by the blind community and is hugely popular thanks to its “learn at your own pace” interface.

This application allows children and adults to learn how to speak, listen and even write Braille alphabets with ease, thanks to its highly user-friendly layout.

Gentle, informal and simply to use, it has everything an app needs!

You can download the app here:

Voice Dream Reader

Voice Dream Reader is the app that allows you to read with your ears. The voice-based mobile app is an innovation for those with physical and learning challenges, as well as those without.

It has been hailed by many as the best mobile text-to-speech app, offering a high-quality listening experience which is the perfect solution for those with visual impairments.

This highly assistive app isn’t to be ignored.

You can download the app here:
Seeing AI

Seeing AI is a free mobile app that narrates the world around you. It can speak text as soon as it appears in front of the camera, provide audio guidance for printed documents and identify currency bills. It can also recognize friends and describe people and the scene around you.

This app turns the visual world into an audible experience.

It is now available in 6 languages.

Seeing AI was founded by Anirudh Koul, a data scientist working with machine learning and natural language processing.

You can download the app here:

Mobile apps for the **Deaf and Hearing Impaired**

**uSound**

uSound is an app created to optimise hearing for those with hearing loss or impairment, and boasts many similar features to a high-end hearing aid.

This app allows you to add personalised filters which offer different sound quality and volume in certain environments, and also allows you to add a personal medical audometric for 100% precision in any sound adjustments.

This is a great app with proven results for those with hearing impairments.

You can download the app here:

![Apple Store](image)

![Android](image)

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**Marlee Signs**

Marlee Signs is a simple solution to learning American Sign Language. Each lesson is broken down in to short videos, which allows each user to learn at their own pace.

This app is particularly helpful for those who are caring for those who are deaf, and also has a dedicated “Spell” section which allows you type any word you want, and it will show you how to say it using sign language.

The app was created by academy award winning deaf actress, Marlee Martin.

You can download the app here:

![Apple Store](image)
Spread the Sign

Spread the Sign is known for being one of the largest sign language dictionaries on the app market, with over 300,000 signs available, with more new additions being added year on year.

Learn tons of useful sign language in 25 different languages, a worldwide app created to increase valuable communication with those who are deaf.

This app is available for both iPhone and Android devices.

You can download the app here:

HearYouNow

The HearYouKnow app (by ExSilent) amplifies the sounds around you to help you understand conversations more clearly.

It uses state of the art ExSilent technology, who also manufactures hearing aids, and their aim is to ease people in to the process of using a hearing aid via this innovative smartphone app.

You can adjust the sound levels to your personal need which will be dependent on your surroundings and situation.

You can download the app here:
Mobile apps for *Wheelchair and Mobility Scooter users*

**Wheelmap**

Wheelmap offers a simple way to search for wheelchair-accessible places all around the globe. You’re also able to add marks for places that are accessible and less accessible for future reference.

With the destinations outlined on the global map, you’re able to leave comments and upload images to convey your experience and help others out when deciding whether it’s right for them.

This is the perfect app for those who are mobility-impaired to find restaurants, cafes, clubs and public transport which are mobility friendly.

You can download the app here:
Mobile apps for people with Dyslexia

Spy Sam Reading Series
Learning to read is a challenge for any child, and can be particularly challenging for those with dyslexia, which is where the Spy Sam Reading Book app comes to the rescue.

Having already been described as a must-download and recommended by Dyslexia Help, the Spy Sam Series makes learning to read exciting, adventure packed and easy. These imaginative stories filled with robots and spies will have all children wanting to read and therefore learn.

You can download the app here:

![Apple App Store](image)

Learn to Read, Write and Spell
The Learn to Read, Write and Spell app does exactly what it says on the tin. This app teaches advanced reading and spelling techniques for adults, teenagers and children who have learning difficulties, and is particularly useful for people who are dyslexic.

The app is extensively being used in classrooms, libraries and in vocational facilities, due to its age-friendly features and various ways of developing reading and spelling, whether it be through symbols or sound, its aim is to help people to learn in a way they feel most comfortable.

You can download the app here:

![Apple App Store](image)
Dextr Alphabet Keyboard

A very simple yet effective app, Dextr Alphabet Keyboard takes your scrambled up keyboard and puts it in order from A-Z, to make texting, emailing and messaging easy for those who struggle with visual stresses.

Create words, phrases and sentences more efficiently with the advanced text prediction tool for added ease. Plus, the app is available in 11 languages with more to be added in the near future.

You can download the app here:

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Mobile apps for people with Autism

Miracle Modus

The Miracle Modus app is a way of decreasing the severity of sensory overload, by using hypnotic colours, shapes and soft sounds.

An app created by an autistic developer to help those who need it to feel soothed in stressful situations, or even just after a long hard day. This app is well worth getting, simply tap in any corner once the app is open to change the different lights displayed.

You can download the app here:
Daily Companion

If you’re a caregiver, this app is one of the most helpful tools you can have, right at your fingertips.

Daily Companion offers endless resources, practical advice and immediate tips to help you gain confidence and learn the best ways to look after those with dementia or Alzheimer’s.

Use the search bar to find over 500 practical solutions for a range of common questions often asked by caregivers, a highly useful app to have.

You can download the app here.

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Carezone

CareZone was created to make organizing health information plain and simple. Whether it be for yourself, an aging parent or a person with dementia or Alzheimer’s, this app allows you to simply manage medications hassle-free.

Other top features include keeping a journal to note down any symptoms (helpful when taking new medication), a calendar to keep track of appointments and receive reminders to take medication.

You’re also able to share all this information with your contacts with ease.

You can download the app here:
Mobile Apps for People on the Move

Love Europe

The Love Europe app for Refugees helps refugees and newcomers connect with locals, learn languages and find local events.

Everyone can use the app as a platform to add helpful locations, local events, but also make yourself available to get connected with a refugee. The app contains a lot of helpful videos and links about language, culture and more.

The app is multilingual and always displays information in two languages, so it can be used as a communication tool. The phrasebook provides a lot of basic phrases you can use in another language.

You can download the app here:

Apple: https://itunes.apple.com/app/id1006056067

Natakallam

Natakallam, meaning “we speak”, in Arabic, is an online platform that hires refugees as translators and language teachers. It offers high-quality language learning programs for all levels of Arabic, French, Persian and Spanish, as well as professional translation.

It is an opportunity for refugees to share their language skills, earn a stipend and connect with other people and cultures.

You can find website here:

https://www.natakallam.com
Gherbtna

A has created an app that helps displaced people settle into their new life in a foreign country.

Along with providing tools like Video, Laws, Find a Job, Alerts and even a function allowing users to share personal stories, the app has an “Ask Me” feature that offers information on legal advice, healthcare, opening a bank account and education.

The app was created by Syrian refugee Moujahed Akil. When he arrived in Turkey, he found that the biggest obstacle he faced was communicating with people.

“Not knowing the language was very hard, because I could not even discuss the most basic things needed to start a new life in Turkey.”

Mobile Apps for Indigenous Peoples' Languages

FirstVoices

FirstVoices is an Aboriginal typing app with hundreds of Aboriginal languages available.

The app helps Aboriginal people regain the everyday use of their heritage languages by texting, typing, sending emails, creating documents and using social media in their traditional languages.

It includes languages from Australia, New Zealand, plus many languages in the USA.

You can download the app here:

Android:  https://apps.apple.com/ca/app/FirstVoices-keyboards/id1206665145
Memrise

Memrise is a language app by native speakers providing conversational language and personalized teaching. Since allows users to create their own online courses, language preservationists for endangered languages are using it to teach their language to others.

It connects the speakers to each other as well as reviving and preserving endangered languages.

You can download the app here:


Mobile Apps for Teacher Support

MyTalkTools

MyTalkTools Mobile is an AAC (Augmentative and Alternative Communication) app that helps students with communication difficulties say what they want in the classroom with sequences of words, sounds and images.

They can choose the content (simple grids or boards with bold images) and play recorded sounds when touching a cell. The sequences can even form complete sentences.

The app was created by Bill Pratt, whose son was born with Nager Syndrome, a rare condition that affects hearing, speech and other faculties.

“MyTalk brought Michael closer to the outside world.”

You can download the app here:

ModMath

ModMath helps kids with dyslexia and dysgraphia do math. It turns the screen into a touch screen graph paper in a format that is easily legible for teachers. It includes voice recognition software for those who struggle to write on paper.

ModMath was created by a family's whose son has both dyslexia and dysgraphia.

You can download the app here:

Seesaw

Seesaw is a student portfolio app that engages all students and their parents in their learning process. Students can store and post their best work to share with their parents. Teachers, on the other hand, can provide concrete examples of their students' strengths and areas for improvement to their parents during teacher-parent meetings.

This mobile app helps teachers deeply understand student thinking and progress, and gives families a window into the students' learning.