

# Akshansh Bhanjana

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## LINKS

Portfolio: [akshansh2000.github.io](https://akshansh2000.github.io)  
Github: [akshansh2000](https://github.com/akshansh2000)  
LinkedIn: [akshansh2000](https://www.linkedin.com/in/akshansh2000)

## COMMUNITY

### SPEAKER

**AUGMENTED REALITY IN FLUTTER**  
GDG Android Day (2020)

**GETTING STARTED WITH AR**  
DreamAR - IIPC GTBIT (2019)

### VOLUNTEER

**GOOGLE CODE-IN**  
[codein.withgoogle.com](https://codein.withgoogle.com)  
Mentor at TensorFlow (2019 - 2020)

### CHAPEL

[chapel-lang.org](https://chapel-lang.org)  
Itertools Library Developer (2018 - Present)

**PROGATE HOUR OF CODE**  
[progate.com](https://progate.com)  
Mentor (2018)

## PROGRAMMING

Languages:

C/C++ • Python • Bash  
Dart • Java

Tools & Environments

GNU/Linux • Git • Heroku  
Amazon AWS (EC2) • Flutter •  
Google ARCore

## ACHIEVEMENTS

### CODECHEF

DIRECTI

2019

Ranked 106th among 11716 participants

### ZCO (ZONAL COMPUTING OLYMPIAD)

IARCS

2018

School: sole qualifier for INOI

### KNOW THE UNKNOWN

INNERVE - IGDTUW

2019

Competitive Programming in an unknown language • Ranked 2nd amongst hundreds of participants

## EDUCATION

**CLUSTER INNOVATION CENTRE, UNIVERSITY OF DELHI** 2022  
B.TECH. (INFORMATION TECHNOLOGY)

- Specialization: Mathematical Innovations
- Percentage: 79.6%
- Rank in Institute: 3

## EXPERIENCE

**GOLDMAN SACHS | SUMMER ANALYST**

June 2021 - July 2021

- Stack: Java
- Working on a production utility to handle server downtime

**CARGOSNAP | SUMMER INTERN**

April 2020 - June 2020

- Stack: Flutter (Dart), Python
- Trained Neural Networks for Object Recognition among License Plates, Container Codes, and Seal Tags
- Made a cross-platform app using Flutter to use the trained models to detect and perform OCR on the objects

May 2019 - June 2019

- Stack: Python, Microsoft Azure Cognitive Services
- Integrated the Microsoft Azure Cognitive OCR tool with CargoSnap's back-end; enabling users to perform OCR on physical documents

## PROJECTS

**PASSWORD VAULT | Arduino (C++)**

2021

A hardware password manager capable of storing encrypted passwords onto the EEPROM of an Arduino, retrievable only by providing the decryption key

- built-in display for password lookup; auto-input on selection
- master password to unlock the device

**ENSAVED FOR REDDIT | Flutter (Dart)**

2021

A tool that helps sort one's Reddit saved posts by subreddit; ability to tag posts using different labels

**REDDIT PRIVACY EVALUATOR | Flutter (Dart)**

2020

A tool that helps find possible leaks of private data (e.g. mobile number, email address, etc.) amongst a user's comments

**CUSTOM ANDROID ROM | Java, C**

2020

A custom ROM compiled from Android's Source Code, prioritizing battery life over other things (for old hardware)

**ZOOM ATTENDANCE EXPORT | Python**

2020

A script that exports attendance from an ongoing Zoom meeting, saving it to a CSV file

**LEARN-AR | Flutter (Dart), Google ARCore**

2019

An Augmented Reality application capable of spawning/modifying 3D models in the real world