

# JAY DANGAR

B/14 Nandanvan Park Society, Opp. Girivar Bunglows, Vastral, Ahmedabad. 382418.



## INTRODUCTION

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A highly focused engineer, who loves to solve real world problems through building products from scratch.

## EDUCATION

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**Bachelor of Technology in Information and Communication Technology** 2014 - 2018  
School of Engineering And Applied Science, Ahmedabad University.

## SKILLS

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<b>Programming Languages</b>	C, Java, Python and Dart.
<b>Frameworks</b>	Android, Flutter, Spring, Django-Rest-Framework
<b>Database</b>	MongoDB, MySQL, PostgreSQL, SQLite, Realm
<b>Other Tools</b>	GitHub, Bitbucket, AWS, Firebase, Latex, Arduino, Raspberry pi

## EXPERIENCE

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**Cheruvu** August 2018 - Ongoing  
*An Agricultural Startup*

- [Cheruvu](#) aims to help farmers grow their production through soil testing and recommendation.
- I was solely responsible for creating an Android app, Back-end API in **Spring Framework** and Hosting that Back-end on AWS.

**Disha Consultancy** February 2018 - August 2018  
*Recommendation System*

- [Foreign University Recommendation System](#) is created to assist councillors in making university predictions based on Student's academic credentials such as GRE, IELTS, CGPA, etc.
- `Scikit learn` was used to train ML Models, along with `Pickle` to save and load those models.

## PROJECTS

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**RSolver** Jan 2018 - June 2018  
*Solves Rubik's cube*

- [RSolver](#) is native android application that takes images of six sides of Rubik's cube as input and outputs minimum number of steps to solve it. `min2phase` algorithm was used to generate the steps.

**Silencio** Jan 2018 - June 2018  
*Silent phones*

- [Silencio](#) is native android app, Specially targeted for the users who forgets to silent their phones while attending special occasions, where phones are prohibited.

**Calculator** Feb 2020 - March 2020  
*Scientific Calculator*

- [Calculator](#) android app is created to test the potential of **Flutter**. It uses `bloc` as a state management technique. It can be ported to iOS, Desktop and Web Platform as it's created with Flutter.

**P2P File Sharing** Jan 2016 - Mar 2016  
*Share files across Computers*

- [P2P File Sharing](#) is a networking project created in **Core Java's Socket Programming**, which shares files to multiple computers connected over same network.