

# Varun Shastry

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## EDUCATION

### IIT JODHPUR

B.TECH IN MECHANICAL  
ENGINEERING

Expected, 2022 | Jodhpur, India

### EXCELLENCIA COLLEGE

SENIOR SECONDARY EDUCATION

May, 2017 | Hyderabad, India

Percentage: 94.5

### GITANJALI SENIOR SCHOOL

SECONDARY EDUCATION

May, 2015 | Hyderabad, India

Percentage: 88.2

## COURSEWORK

### UNDERGRADUATE

Ongoing(\*) | MOOC(@)

- Linear Algebra and Calculus
- Computer Programming
- Data Structures and Algorithms(@)
- Probability and Statistics(\*)
- Complex Analysis and Differential Equations

## SKILLS

### PROGRAMMING

Proficient

- C
  - C++
  - Python
- Familiar
- Java
  - Javascript

### WEB TECHNOLOGIES

- React.js
- Node.js
- HTML
- CSS

### SOFTWARES

- MATLAB
- Solidworks
- Ansys

## LINKS

- [Linkedin.com/in/kavash](https://www.linkedin.com/in/kavash)
- <https://github.com/dotKavash>

## PROJECTS

### CHATBOT USING PYTHON(ONGOING)

- Building a ChatBot using Python with various libraries
- Training a deep learning model with Pytorch and creating a GUI for the chatbot in the Xming display server for Windows

### POLLS APPLICATION USING DJANGO

- Created a polling application using django
- Built a public site to conduct polling and an admin site to make changes to the polls and declare results.

### TIC TAC TOE(ONGOING)

- Created a version of the Tic Tac Toe game using python
- Used PyGame to create a PvP based gamemode.

### CLAY POT DYNAMICS

Under Dr. Anand Krishnan Plappally

- Designed a model for designing a clay pot in an easy manner
- Created a method to input various physical parameters and get the dimensions of the clay pot according to the supplied requirements.

## LANGUAGES

- English( Full professional proficiency)
- Hindi( Intermediate proficiency)
- Telugu( Full professional proficiency)
- French( Elementary Proficiency)

## ACHIEVEMENTS

- Placed among the top 0.47 percent of 1.4 million applicants in JEE Advanced 2018
- Secured the State Rank 2 in NAEST 2017

## LEADERSHIP EXPERIENCE

### ASSISTANT HEAD

Feb 2020 | Flagship Events, Ignus

- Organized various flagship events on Ignus (IITJ Annual Fest)
- Incharge of Antrang(Fashion Show)

## EXTRACURRICULAR ACTIVITIES

- Part of the College basketball team for the Inter IIT sports meet in 2018 and 2019
- Competitive Coding: Practice and compete on various competitive coding websites like Hackerrank, Codechef and InterviewBit