

# Mohammad Zaid Shamshad

Pre-Final Year (B.Tech.) | Electrical Engineering | IIT Jodhpur  
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## EDUCATION

### IIT JODHPUR

#### B.TECH IN ELECTRICAL ENGINEERING

Pre-Final year (B.Tech.)

CGPA: 8.16/10 (Till 4th semester)

Expected 2024

### ANAND BHAWAN SCHOOL

Class 12 | ISC

Percentage 96.25 %

2019 | Barabanki, India

### ANAND BHAWAN SCHOOL

CLASS 10 | ICSE

PERCENTAGE: 92.4 %

2017 | Barabanki India

## LINKS

LinkedIn: mohammad-zaid-shamshad

Github: zayed-shamshad

Portfolio: zayed-shamshad/

Leetcode: zaid shamshad

## COURSEWORK

### UNDERGRADUATE

Data Structures Algorithms

Pattern Recognition and Machine learning

Digital Design

Signals Systems

Probability, Statistics Stochastic Process

Linear Algebra Calculus

## SKILLS

### LANGUAGES

•C++• Python • Javascript

• Java • Verilog • Dart

### DEVELOPMENT

• Vue.JS • HTML • CSS • Bootstrap

• Three Js • Node.js • Express.js • REST

• Firebase • Flask • Flutter

### UTILITIES

• Git • Postman

### MACHINE LEARNING

• Scikit-Learn • Pandas

• NLP

## EXTRACURRICULAR

• **Assistant Head** at Varchas'22  
(inter-college sports fest)

• **Core member** of Design Society & Fine  
Arts Society

## HOBBIES

• Sketching, • 3-D modelling.

## EXPERIENCE

### DIMENSIONED | INTERN | WEB & FLUTTER DEVELOPER | Playstore link

JAN 2022 - MARCH 2022

• Successfully integrated a collaborative whiteboard in the dimensioned web application.

• Successfully developed a **sign-in system** for the dimensioned mobile application

• Worked on various other features of the mobile app .

Technologies: Flutter, Vue.Js, Firebase, Dart, web sockets, JS, Three.js.

## PROJECTS

### MOVIE RECOMMENDATION SYSTEM | | COURSE PROJECT |

SUPERVISOR : DR. RICHA SINGH | GITHUB | LINK

- Developed and Deployed a web app for the Movie recommendation system, which recommends movies to the user.
- Designed a smooth user interface for the same
- Designed **user authentication and sign-up system** with add to/remove from favourite feature.
- Implemented various machine learning concepts including **KNN**, did feature engineering on movie ratings and combined predictions from multiple models.
- Technologies: **Vue.js, CSS, HTML, Firebase, Python, flask, REST API.**

### PERSONALITY PREDICTION | GITHUB | LINK

- Developed and Deployed a web app for the Personality Predictor, which predicts the personality of the user.
- Designed and Developed a smooth user interface for the same
- Performed **Natural Language Processing** to train and develop the model on the social media posts of different personality types.
- Technologies: **Vue.js, Javascript, Flask, REST API.**

### SORTING ALGO VISUALIZER | GITHUB | LINK

- Conceptualized and implemented the backend of the visualizer.
- Designed and developed features to control the speed of the algorithm, change the number of bars on the screen, option to switch between different sorting algorithms.
- Technologies: **Vue.js, Javascript, CSS, HTML.**

### CHAT APP | GITHUB | LINK

- Desined and Developed a real time web chat app using firebase realtime database, and React.js.
- Added user authentication with firebase
- Technologies: **React.js, Javascript, CSS, HTML, Firebase**

## ACHIEVEMENTS

- Qualified internal hackathon for **Smart India Hackathon**
- 2020 JEE Advanced **AIR 8343** among 1.1 million candidates
- Among the **top 10%** of the candidates to upgrade their branch.
- Achieved city **rank 1** in the ISC examination(class 12th) 2019.
- 12th(ISC) **Top 1%** ISC examination.