

# KATHAN THAKKAR

Ahmedabad, Gujarat, 380013

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## Education

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**School of Engineering and Applied Sciences, Ahmedabad University**

**Aug. 2021 – May 2025**

*Bachelors of Technology in Computer Science and Engineering- GPA: 3.2/4*

*Ahmedabad, GJ*

## Relevant Coursework

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- DSA
- OOP
- DBMS
- Software Engineering
- Data Science
- OS

## Projects

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**AURIS using Voice Assistant | Python**

**March 2022**

- Created a voice assistant with few inbuilt operations.
- It does CRUD operations with a voice as commands.
- It could do operations like setting time table, playing music, and much more

**Authentication Page | Java**

**July 2022**

- Created a login page using Java
- Used Java Swing for GUI
- Used Caesar cipher algorithm for encryption of login credentials
- Used java libraries for logging of events which includes storing of IP address and time and access permission

**Image encryption | Python**

**Nov 2022**

- It consists of the message encryption using Python libraries and concepts of Applied Linear Algebra like Linear transformation, Matrix multiplication, Inverse of a matrix, etc.

**Hospital Management System | HTML,Bootstrap,Flask,Postgresql**

**March 2023**

- Created a simple hospital management system that keeps records.
- It includes CRUD operation with SQL server at the backend.
- It also uses the PL/SQL which helps in firing triggers and procedures during crud operations.

**Quidditch Sports | HTML,Bootstrap,CSS,Nodejs,MongoDB,Mongoose**

**Aug 2023**

- Created a simple sports event management system that gives the facility of Authentication and registration for sports events.
- It includes CRUD operation with MongoDB Atlas server at the backend.
- Passportjs,Passport-Local-Mongoose and OAuth2.0 is used for authentication purpose.

## Skills

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**Languages:** Python,CSS,HTML,C++, JAVA,Nodejs,Expressjs,Reactjs

**Tools:** VScode,netbeans, AWS

**Technologies/Frameworks:** Github,Pandas,MongoDB,MySQL,Oracle,flask

**Others:** Problem Solving, Strong Communication, Cryptography(Basics), Competitive Programming

## Certification

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AWS Cloud Computing: Certificate