

Midhun Shanmugam

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EDUCATION

BACHLOR'S DEGREE

ANNA UNIVERSITY REGIONAL
CAMPUS,MADURAI

COMPUTER SCIENCE AND
ENGINEERING

Cum. GPA: 8.5 / 10

Aug 2020 - May 2024 | Madurai

HSE

KONGU MATRIC HR SEC
SCHOOL,MORAPPUR

Percentage: 85.16 / 100

June 2019 - Mar 2020 | Dharmapuri

SSLC

KONGU MATRIC HR SEC
SCHOOL,MORAPPUR

Percentage: 92 / 100

June 2017 - Mar 2018 | Dharmapuri

SKILLS

TECHNICAL

- Networking - CCNA

- Linux

PROGRAMMING

- Html

- CSS

- MYSQL

- JavaScript

- Java

KNOWN LANGUAGES

- Tamil

- English

LINKS

Github:// **Midhun11**

LinkedIn:// **Midhunshanmugam**

COLLEGE PROJECTS

SMARTDB | CHATBOT + VOICE INTERACTIVE DATABASE APPLICATION

- A ChatBot which replies to the user queries using **OpenAI API**.
- Implemented a special feature called **Voice Interactive Database Application** by Developing an algorithm which **recognizes user commands to generate and execute MySQL queries**.
- Tools used: Python, MySQL, Flask , pytsx3, OpenAI API, speech recog.

FUZZY MULTI-KEYWORD SEARCH | SECURE EFFICIENT SEARCH

- Implemented a technique that address the challenges of **secure and efficient** search over **encrypted data** in verifying search results and adapting to dynamic security requirements.
- Algorithms used: AES, N-Grams, Jaccard.
- Tools used: PHP, HTML, CSS, MySQL.

OTHER SKILLS

- Teaching peers and Demonstrating
- Computer Hardware & Networking
- Troubleshooting problems
- OS installation

OTHER COURSES

- Cisco Certified Network Associate
- Network Essentials
- AWS cloud practitioner Essentials

CERTIFICATION

- Achieved **Cisco Certified Network Associate** certification in Besant Technology,Velachery.
- Successfully completed an **Employment Skills Development** training program organized by Titan Leap.

VOLUNTEERING

- Student Representative of the class | Nov 2022 - May 2024.
- Provided Technical support for 150+ computers at our college.