Hrishikesh Mane

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About Me

Skills: Python · HTML · CSS · Android

Analytics: SQL · Tableau

Education

Bachelor of Engineering (B.E), Information Technology   *2017 - Present*

Vidyalankar Institute of Technology

CGPA: 7.59/10

Diploma, Computer Science   *2014 - 2017*

K. J. Somaiya, Polytechnic

Percentage: 82.00%

SSC (Maharashtra State Board)   *2014*

Chandrakant Patkar Vidyalaya, Dombivli

Percentage: 88.80%

University Projects

Weather Station (IOT)

- Built a Weather sensing device capable of detecting temperature and humidity with real time sensors capable of updating info every single second.
- Implemented wireless communication between two separate device using the nrf24l interface to detect and display the readings from two different locations.

Blind-Aid (Android App)

- Created prototype android application for assisting **Blind people** in using **public transport.**
- Implemented **Speech synthesis** to enable interaction between app and the end user.
- Used the cloud **FIRESTORE NOSQL** as backend database service to enable data access between multiple apps.
- Implemented the **SQLite database** to store the user specific information locally for fast access.
- Used the **SMS manager** functionality to automate the process sending the SOS messages in case of emergency for blind person.
- Implemented the transport vehicle tracking functionality using the background **Location services**.

Personal Projects

911 calls Data Analysis

- Performed basic data cleansing and analysis using pandas and numpy on the obtained data.
- Gathered useful insights by asking relevant questions about the data to create basic understanding of 911 calls in US.
- Used visualization libraries like matplotlib and seaborn to effectively display the relevant findings and identify relationship among different factors to understand the pattern of 911 calls in US

Work Samples:

Git-Hub Profile: https://github.com/hrishi-mane