

Vijayendra Pagare

Associate Software Engineer | Backend Developer

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EDUCATION

Maharashtra Institute of Technology, Pune

Bachelors of Engineering

(2014 – 2018)

S.M. Choksey Junior College, Pune

(2012 – 2014)

St.Vincent's High School, Pune

(2002 – 2012)

EXPERIENCE

Automate.io, Hyderabad - Associate Software Engg.

(FEBRUARY 2020 – PRESENT)

Automate.io helps to automate your day to day tasks by integrating many cloud applications and creating workflows.

Responsibilities:

- Explore APIs of cloud applications and use them to provide functionalities.
- Implement authentication functionality for the user like simple authentication or oauth.
- Implement functionality to get user's data in timely manner and ensure no duplicate data is processed.
- Filter user's data depending on the integrated application's requirement.
- Provide customer support and bug fixes in existing applications.

Achievement:

- Uprising Performer of the Quarter, April-June 2020.

Cognizant Technology Solutions, Pune

(AUGUST 2018 – FEBRUARY 2020)

Client: Levi Strauss & Co.

Responsibilities:

- Proactively monitoring the Hana data loads using SAP Business Warehouse Tool to ensure business is not impacted.
- Analyzing the data load jobs in case of failure and resolving the issue in timely manner.
- Suggesting innovative ideas for streamlining job failures and further automating the process.

SKILLS

- Nodejs, Javascript, JQuery, Ajax, Rest APIs
- Express Framework, EJS View Engine
- Passport Authentication, JWT Authentication
- Sockets, C, C++, git
- HTML, CSS, Bootstrap
- MySQL, MongoDB

EXTRA-CURRICULAR ACTIVITIES

- Represented Pune at U16 State Selection Basketball Competition in 2011.
- Won District, Zonal Basketball Competitions in 2011
- Helped a friend for making digital posters and brochure in CorelDraw for his new startup
- Represented as head of Creative Department of Tesla 17, a national level technical event held at MIT COE, Pune
- Volunteered for Tesla 15, a national level technical event held at MIT COE, Pune

CONTRIBUTION TO COMMUNITY:

- <https://github.com/vijayendratechie>
 - Chat Application
 - Face Censor Application
 - Book Trade Platform
 - Encrypt-Decrypt of JSON DATA
 - Command Line Dictionary Tool
 - Api Server to get Latest 5 News
- NPM Package
 - dict-game

PERSONAL PROJECTS

High School Course Selection: In many High Schools & Colleges in the United States, students have the liberty to choose the courses according to their choice based on the course criteria. Every year, the students must review the offered school courses and make selections for the upcoming year. Each subject track like Math, English, and Science have some pre-requisites for subsequent course selection along with required grades in prior class. This application automates the process and allows the student to create multiple scenarios towards their graduation.

Course Planner is a web application, which provides the service to create multiple scenarios enabling students to compare different subject paths and understand the requirements. This helps the students to set correct goals and look beyond their current grade.

Command Line Dictionary Tool: Command Line Dictionary is a game to guess the word given the definition, synonyms or antonyms of the word. User can ask for hints if he/she is not able to guess the word.

The tool can be used to get definitions, synonyms and antonyms of words. It also provides the usage of words in example sentences.

Chat Application - <https://testchaatapp.herokuapp.com>

- Application requires user to register themselves using their email id for authentication
- Users can have a group chat with all the other online users in a chat room
- Users can also have a private chat with other peers
- Emojis are assigned to each sentence based on the sentiments expressed in the sentence using IBM Watson tone analyzer.

Face Censor Application:

- Detects all the faces in the uploaded image and censors them with an emoji
- Feature to censor the face with an emoji based on the expression
- User can select faces from a group of people by simple click and censor them
- User manual is provided for better user experience

Book Trade Platform - <https://discountedtrade.in>

- Platform to showcase your interest in buying a book at discounted rate
- Seller will be notified for further communication
- Any user can upload a book for sale at a desired price
- Users are authenticated using signup and login

Automation of Garbage bin: In many developed nations, garbage is collected using automated trucks. These trucks come at a specific time and pick up trash from the bins kept on the street. Every home owner is responsible to fill the trash in the bins and keep it on the street for the truck to pick up. This project automates the manual effort of moving the bin from its origin (inside the garage) onto the street and the reverse movement.

The kit includes – self guided bot, sensors, motors etc. The bot is trained to follow a specific path at pre-defined time. In case of any sort of failures, the bot will abort the movement and return to its original position. The bot is controlled using a Raspberry Pi microcontroller.