Ravivanshikumar Sangpal

Kalyan, Maharashtra
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Self-motivated and smart-working fresher seeking for an opportunity to work in a challenging environment to prove my skills and utilize my knowledge & intelligence in the growth of the organization.

WORK EXPERIENCE

Software Engineer Intern

AFour Technologies Pvt Ltd - Pune, Maharashtra
May 2020 to July 2020

Performed granular research on given project work. Lead the team for the development of the Design Modal of the solution derived for the given problem. Developed the front-end application for the system using React Native and constructed the database schema for the system.

Web Developer Intern

Silicon Sea - Badlapur, Maharashtra
May 2018 to June 2018

Maintained the existing infrastructure and developed a multi-page front-end application using HTML, JavaScript (JS), and CSS - to optimize the responsiveness, which increased conversion rate from 2% to 7% for an Institute website.
https://github.com/codinglivez/codinglivez.github.io

SKILLS

- Advanced knowledge of C++ and Java
- Certified in Python Programming Language
- Developed an Artificial Intelligence based voice assistant using Python and AIML
- Worked on the Voice assistant using Linux Scripting
- Professional Web Developer working on Bootstrap Framework (Less than 1 year)

EDUCATION

Bachelor's in Computer Engineering

K J College of Engineering and Management Research - Pune, Maharashtra
July 2019 to Present (CGPA – 8.8)

Diploma in Computer Engineering

Government Polytechnic Pen (MSBTE) - Pen, Maharashtra
July 2016 to May 2019 (Average Percentage – 75.9%)

CERTIFICATIONS

ICSI - Certified Network Security Specialist (CNSS)
August 2020 to Present

AWARDS / ACHIEVEMENTS

State Level Paper presentation
February 2018

Presented the paper mentioned in the projects section below and got 1st Rank in Maharashtra State.

ProJIT - National Level Project Exhibition
February 2019

3rd Rank in National Level Project Exhibition held at Nashik, Maharashtra. (Title - JARVIS)

PROJECTS / PAPERS PRESENTED

JARVIS: An interpretation of AIML with integration of gTTS and Python
https://ieeexplore.ieee.org/document/8993344
Published on: July 2019

This paper presents JARVIS, a virtual integrated voice assistant comprising of gTTS, AIML [Artificial Intelligence Mark-up Language], and Python-based state-of-the-art technology in personalized assistant development. This is the result of the adoption of the dynamic base Pythons pyttsx which considers intentionally in adjacent phases of gTTS and AIML, facilitating the establishment of considerably smooth dialogues between the assistant and the users. This is a unique result of the exaggerated contribution of several contributors such as the feasible use of AIML and its dynamic fusion with platforms like Python[pyttsx] and gTTS [Google Text to Speech] resulting into a consistent and modular structure of JARVIS exposing the widespread reusability and negligible maintenance.

Smart Cashless Vending Machine
Project Details and Documents

Cashless vending machine is a device that will provide you the product you need to buy without you paying cash to the vendor. This enables easy transactions and the user does not need to worry about the cash he/she has to carry everywhere. Cashless vending machines are available in the market but they are having some issues which need to be re-addressed. This Project will address the above issues and construct a reliable and more efficient Cashless Vending machine. Our team has also decided to add an extra functionality to the machine. This project will construct a vending machine which will be cashless as well as touch-less.