Karamjeet Singh Jandu

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India.
Current Location: Bengaluru,Karnataka
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Github: https://github.com/itskaramaman/

Overview

Energetic software engineer with almost 1 year experience developing robust code for high-volume businesses, working as a professional Software Engineer (Full Stack Web Developer). I am a core programmer with strong command in development and integration problem-solving skills. I am a team player software developer with a can-do attitude, phenomenal time management skills with a strong user focus and has developed several web apps.

Experience

April 2019 - PRESENT
Regalix Inc, Bengaluru - *Software Engineer*

- ❖ Making Web Apps in Flask and Angular.
- ❖ Writing back end code for models, API in python.
- ❖ Writing migration scripts for server.
- ❖ Working with project deployment scripts.
- ❖ Writing Typescript code and working with Web Services.
- ❖ Making interactive Web pages using HTML, CSS, Bootstrap and JavaScript.
- ❖ Writing API calls in jquery and backbone.js.

Technical Skills

Programming Concepts: Algorithms and Data structures, OOPS, Functional Programming and Dynamic Programming.

Primary Skills: Python, JavaScript, Typescript, HTML, CSS, Bootstrap, C++

Frameworks: Flask, Angular.

Defence Management Tool: JIRA

Operating System: Linux,Windows,MacOS

Professional Project

April 2019-Present
Title: Sharedemos

- ❖ Working as a Full Stack developer mostly dealing with the back end part.
- ❖ Have done back end for uploading files feature, multiple playlist delete and API call handling.
- ❖ Have done content filtration in Algolia search for making the search feature more smooth and fast.
- ❖ Currently working on the development of activity log feature in which client can be aware of what their guest's interest or what they are searching.
- ❖ Handling databases and migrations.

Personal Projects

Title: IPL Data Graphical representation

- ❖ Converting the CSV (Comma Separated Value) to JSON (Javascript Object Notation) using CSV-parser and File System in Node modules and Javascript.
- ❖ Using that JSON data and Highcharts to show data in Graphical Manner
- ❖ The Webpage can be viewed at-
  https://regalixhub.gitlab.io/march_intern/karam_ipl_assignment
- ❖ The project code and other details can be cloned from -
  https://gitlab.com/regalixhub/march_intern/karam_ipl_assignment.git

Title: Comments

- ❖ Have created a website where users can login and create their own posts.
- ❖ The website is made in Flask framework and python in which we can create normal users as well as admin users.
- ❖ Taking care of users' confidentiality their passwords are hashed using sha_256 crypt with a 55000 rounds of encryption.
- ❖ The website is deployed on heroku and can be viewed on link https://flask-karamjeet-comments.herokuapp.com/
- ❖ The project code and other details can be checked at at https://github.com/itskaramaman/flask-karamjeet-comments.

Title: Flask news app

- ❖ Flask app to get the latest news updates.
- ❖ News is being provided by API and is being divided in to Business, Politics, Sports, Tech and Latest.
- ❖ The project code and other details can be viewed at- https://github.com/itskaramaman/Flask-news-app

Academic Projects

Title: Weather check exe using tkinter Python

- ❖ Weather Check exe using Python and tkinter, the person will be able to check weather of USA as API used is a free one and only work 60 times per hour to check weather and other details of places in USA.
- ❖ API (Application Programming Interface) is taken from OpenWeatherApi which provides a free service and API key to get the response.
- ❖ Frontend or GUI (Graphical User Interface) is made using tkinter library in python.
- ❖ Backend is done in python using request library.
- ❖ It is converted into executable using Pyinstaller.
- ❖ The project code, template and other details can be cloned or checked from- **https://github.com/itskaramaman/Weather-Check-exe.git**

Title: Python scripts to automate tasks

- ❖ Generate six digit OTP
- ❖ Link to check Python OTP script -
  https://github.com/itskaramaman/OTP-Python-Script.git
- ❖ Dictionary which retrieve data from JSON to show the meaning of that word.
- ❖ Link to check Dictionary script - -
  https://github.com/itskaramaman/Dictionary-Script.git
- ❖ Block a particular website for some time period like Facebook or YouTube so that person can concentrate on his work.
- ❖ Link to check Website Blocker script - Ø
  https://github.com/itskaramaman/Website-Blocker-Script.git

Education

Aug 2014 - June 2018

Chandigarh Engineering College, Landran,Punjab - *B.Tech Computer Science Engineering-76.32%*

Bachelor of Technology in Computer Science and Engineering, Chandigarh Engineering College affiliated to IK Gujral Punjab Technical University, Landran, Mohali, India.

July 2013- May 2014

Intermediate,Rainbow School,Saharanpur,Uttarpradesh - *Non Medical(Science) with 82%*

July 2013- May 2014

High School,Rainbow School,Saharanpur,Uttarpradesh *with 85%*

Awards/Achievement and Activities

- ❖ Earned Gold medal in HackerRank and currently coding in Leetcode.
- ❖ Got the best Intern Performer June-19 in the current organisation.
- ❖ Has been a part of Non Government Organisation "Gramiksha"
- ❖ I have participated in various curriculum activities held in college.

SIDE INTEREST

- ❖ Hobby is to solve Competitive programming question on competitive platforms like HackerRank, HackerEarth and Codeforces.
- ❖ Providing solutions for questions asked on Amazon, Google or Facebook interview on Github and this can be checked on - https://github.com/itskaramaman?tab=repositories.
- ❖ Trying usage of Libraries like cv2, Pandas and Numpy in Python and checking how data scientists work on data.

Personal Details

Name   : Karamjeet Singh Jandu

DOB   : 12-10-1995

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Nationality   : Indian

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Declaration

I hereby declare that the information given above is true to the best of my knowledge and belief and can be supported with reliable documents when needed.

Signature   Place
Karamjeet Singh   Bengaluru