Keshav Bantwal

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Portfolio - https://keshavbantu.github.io/

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Education

PES University
Bachelor of Technology - Mechanical Engineering, Minor in Computer Science
Related Coursework : Python, C, Data Structures, Algorithms, DBMS
Activites : PES Open Source, Center for Innovation and Entrepreneurship

Expected
2022

Experience

JPMorgan Chase & Co. — Remote
Software Engineering Virtual Intern — May 2020

- Data visualization, established financial data feeds for traders and front end web development
- Used React, Typescript, Python and Perspective (JPs open source data visualization platform)

PES University — Bengaluru, IN
Research Assistant — May 2020 - Jul 2020

- Focus areas : Python, MATLAB/Octave, Computational Mechanics,NumPy/SciPy
- Mathematical methods processed on MATLAB to solve the Inverse Mode Shape Problem

Freelance Web Developer — Bengaluru, IN
Full Stack Engineer — March 2019 - Present

- Built web app solutions for clients (7 in total) across diverse range of industries.
- Most projects were acquired through my network and word of mouth.

Skill Set

Programming languages : C/C++, Python, Go, Javascript
Web technologies : HTML+CSS/SCSS, React, Jquery, Bootstrap, Django, NodeJS
Database management : SQL, MongoDB
Data/Machine Learning : NumPy/SciPy, Scikit-Learn, Pandas, Keras
DevOps : Git, Heroku, Docker, Jenkins CI
Miscellaneous : Linux, Bash

Projects

- **Covid Deaths Classifier - https://covclass.herokuapp.com/**
  A covid death classifier, data grabbed from the government sources, read using Py2PDF library.
  Converted into a human readable format, and fed into Plotly to generate data visualizations.

- **Map Suite - https://github.com/keshavbantu/mapsuite**
  A complete geolocation services suite. Uses MapQuest API to fetch data, and displays it as per the
  user's query. Includes, directions, toll checks, current geo location, altitude among others.

- **Paathashala Montessori MarketPlace - http://www.paathashala.in/**
  A complete solution which includes any and all details a parent needs to know about the montessori. A contact based transaction page for locally manufactured playschool equipment.

Certifications and Extracurriculars

- **Machine Learning** (IEEE VIT University),**Algorithms** (Stanford University),**Programming in Javascript** (Freecodecamp).

- **PES Amateur Scientist** (2018), **Zonal Informatics Olympiad** (2019), **Advent of Code Hackathon** (2018,2019), **Digital Ocean Hacktoberfest** (2019, 2020)
  CSI-VIT Capture the Flag (2020).

- **Volunteering** : **Primary School Teacher**, Make a Difference
            Govt School Remodelling Volunteer, PESU Bootstrap Program