SRIJAN RAMAVAT

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WORK EXPERIENCE

MEDIA.NET, Mumbai, India Jan 2024 – Present
Web Application Developer L3
- Led the effort to modernize the legacy codebase, which produced a noteworthy **15% increase** in memory efficiency and a noteworthy **10% improvement** in latency.
- Improved the functionality of several micro-services based on **Service-Oriented Architectures** essential to ad-serving operations.

Web Application Developer L2 Jan 2022 – Dec 2023
- Developed and refined a variety of ad-serving tactics, resulting in a **2% increase in click-through** and conversion rates.
- Made use of **K-Nearest Neighbours Classification** to improve and speed up recommendation engines inside the ad-serving network.
- Planned and carried out **faultless database transfer** initiatives, guaranteeing **5% resource cost reductions** and continuous operations.

Web Application Developer L1 Jun 2021 – Dec 2021
- Architected and **developed Internal Analytics Web Applications** tailored for robust data analysis.
- Engineered and optimized multiple data pipelines for ad-serving data, resulting in **20% faster** serving
- Employed sophisticated **K-mean Data clustering** techniques to discern meaningful patterns from vast datasets.

ZAYA LEARNING LABS, Mumbai, India Aug 2019 – Oct 2020
Software Development Engineer
- Pioneered the development of **Backend APIs** for multiple applications, serving a thriving user base exceeding 10,000 active users.
- Implemented **CI/CD pipelines** to ensure seamless deployment of Web Apps and Backend APIs, resulting in a **30% faster** development cycle.
- **Engineered Python libraries**, facilitating seamless interaction with third-party micro-services.

MENUFI ALPHAGEN (Startup), Mumbai, India Dec 2017 – Feb 2018
Web Developer (Part-time)
- Engineered a product for ordering food in the restaurant using our mobile just by connecting with the available Wi-Fi of the restaurant with an Admin Pane for the Manager to manage and organize segments related to food order and staff.

Didimos Web Solutions, Mumbai, India Apr 2016
Frontend Web Developer (Internship)
- A Front-End Website was created by using HTML, CSS, and BOOTSTRAP FRAMEWORK technologies. The website created was a Portfolio for an Academician cum Research Scholar.

EDUCATION

Don Bosco Institute of Technology, Mumbai, India Jun 2019
Bachelor of Engineering in Computer Engineering
- Cumulative GPA: 8/10, **ADT Team Head**, 2nd Runner up **Mumbai Hackathon**

Swarnleela International School (CBSE), Nagpur, Maharashtra, India Jun 2015
12th Standard in Computer Science
- Cumulative GPA: 8.48/10

SKILLS

Programming Languages: Python3, Java, Javascript, C, C++
Technical Skills: Machine Learning, Web Application Development, Microservices Development, CI/CD pipelines
Tools/Frameworks: MySQL, Aerospike, Redis, Django Rest Framework, Flask, Maven, VueJs, ReactJs, Docker, Jenkins, Azure Container, Linux Servers, Nginx, Gunicorn, Google Cloud Platform
Soft Skills: Problem-solving, Communication, Team Collaboration, Time Management, Leadership

PROJECTS

Python Timekit - (Open Source Project) - An open-source project in Python that can be used to integrate Timekit APIs in Python scripts and Python web development frameworks like Django, Flask, etc. You just need to create an account on Timekit and generate API_KEY, then follow the instructions on the attached link and you will be able to use this library easily.

BookItUp- (Web App) - Web app for booking tickets for events (like BookMyShow). We have created this web app using Vue js for the front end and Django(REST) for the back end. This website has two parts, the first part for the customer to check events and book tickets, and the second part for the admin to register events and check sales.

Ocular Profile (Computer Vision and Data Mining) - This project aims to provide a service or software capable of fetching personal information about users available through social media websites with the help of facial recognition. It was eventually developed into a security system to be used by police to identify criminals.

CleanItUp (Waste Management System) – Online Portal for BMC where they can directly access the staff and administration to manage complaints against the Garbage collection.

Perkjet (E-commerce Website) - The aim was to create a Website that can increase the sales of the vehicle manufacturing company as well as to set up another company in the Market like Flipkart and Amazon.

ADDITIONAL

Certifications & Training: Machine Learning from Stanford University Online (Coursera) (2019), **DevOps** Project: CI/CD with Jenkins Ansible Docker Kubernetes (2020)
Awards: Google's **HashCode (2020)**, 2nd Runner up **Mumbai Hackathon (2017)**
Sports: Qualified 3 times for Chess at State Level, 1 time for Regional Level Badminton and Basketball
Languages: English, Hindi