



Raj Kumar Rai

B.tech Computer Science

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INTRODUCTION

As a recent **Computer Science** graduate from UVCE College, I am eager to apply my acquired skills effectively. My goal is to contribute meaningfully to the company's objectives. I am enthusiastic, a quick learner, and adept at teamwork, ready to tackle new challenges.

EDUCATION

- **University of Visveswaraya College of Engineering, Bangalore** 2023
Btech Computer Science CGPA: 9.5
- **Kendriya Vidyalaya ASC Centre(S)** 2019
12th CBSE Board , Bangalore Percentage: 90%
- **Kendriya Vidyalaya ASC Centre(S)** 2017
10th CBSE Board , Bangalore CGPA: 10

TECHNICAL SKILLS AND INTERESTS

Languages: C , C++ , Python , Javascript

Developer Tools: Visual Studio Code , Jupyter Notebooks

Frameworks: ReactJS, NodeJS, ExpressJS, JQuery, Bootstrap

Cloud/Databases: MongoDB, SQL, RDBMS

Soft Skills: Team Player, Communication, Eager to Learn, Attention to Detail

Coursework: Object Oriented Programming, Database management systems, Computer Networks, Operating Systems

EXPERIENCE

- **SAS Enterprises** Jan 2023 to Mar 2023
Machine Learning Trainee Bangalore
 - Created a Stock Price Prediction App using **LSTM** and **Genetic Algorithm**
 - **96%** accuracy when using **Sentiment Analysis**.
 - Data fetched from Yahoo Finance and New York Times API
- **Suven Consultants** Apr 2023 to May 2023
Web Development Trainee Bangalore
 - Users were given the option to place orders, view all their orders, and cancel individual orders. Generated tokens using **SHA256** cryptography and **SMTP** for email verification.
 - Employed **Jinja** techniques for dynamic templating and content rendering in web applications and integrating Razorpay for secure **online transactions**. Utilized web development tools to create and deploy an interactive interface.

PERSONAL PROJECTS

- **[Subscription Notification API](#)** [Github](#)
*Tools & technologies used: **Django**, **REST API***
 - Implemented a **multithreaded** subscription notification system to enhance system efficiency and reduce delivery times for notifications.
 - Users and subscriptions are added, and when a notification matches a subscription, email sent to the **subscribed users** via SMTP.
- **[ExpenseTrack](#)** [Github](#)
*Tools & technologies used: **ReactJS** , **NodeJs** , **ExpressJS** , **Mongo DB***
 - **Authentication** and **Authorization** features to ensure secure access and protect sensitive financial data from unauthorized access & Streamlined access to personal financial management dashboard for a seamless login experience.
 - Employed MongoDB for data storage, leveraging its NoSQL capabilities to efficiently manage and retrieve information.
- **[Weather Ports](#)** [Github](#)
*Tools & technologies used: **ReactJS**, **OpenWeatherAPI***
 - Developed a responsive weather application using ReactJS, integrating OpenWeather API for location-specific weather updates.
 - Implemented geolocation functionality to display current weather details based on user's location, enhancing user experience

ACHIEVEMENTS

- **Git and Github Certification**
- **I have solved 300+ problems on leetcode.**