Sai Krishna Bharadwaj Goparaju

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Summary

I am a Dedicated Python Full Stack Developer with 3.5 years of experience in developing and maintaining web applications. My expertise includes job scheduling algorithms, web services integration, and performance optimization. Proficient in DevOps tools, Docker, Kubernetes, AWS EC2. Experienced in developing web-based applications using **Python, Django,** and **Linux, C++, XML, CSS, HTML, JavaScript, Angular JS** and **JQuery.**

Experience

Ramco Systems | Chennai, Tamil Nadu
Analyst Programmer | 11/2021 - 11/2022

- Worked on Internal dashboards and also updated its design using **Python** and **MS SQL** using **Flask** framework.
- Worked on internal framework (RVW) to create payrolls and deployed various patches and deliverables inside servers.
- Maintained Log-shipping for various customers. Worked on **Microsoft Power Apps** for internal page designs.
- I Used **HTML, CSS,** and **JavaScript** for Front-end Design.
- I Used the **Jinja2** Template engine for rendering dynamic web pages.
- Provided ongoing support and maintenance for existing applications.
- I also Implemented updates, patches, and enhancements as needed.

Rising Root Technologies | Hyderabad, Telangana
Junior Software Developer | 04/2019 - 10/2021

- I worked as an Intern for 1 year in this company and after one year I continued as Full time employee. During this period of time I worked on different projects and gained so much knowledge
- Ticketing System and Unified Ticketing System using Python.
- Used the Django Framework to develop the application.
- Worked on writing and reading data from CSV and Excel file formats.
- Built application logic using Python.
- I implemented the application's front-end pages using **HTML, CSS, and JavaScript**.
- Expertise in client scripting language and server-side scripting languages like **JavaScript, jQuery, JSON**, and **Angular.js.**
- Worked on the development of **SQL** and stored procedures on **MYSQL**.
- Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL, PostgreSQL and MongoDB database.
- Worked on **AJAX** framework to transform Datasets and Data tables into HTTP-serializable **JSON** strings.

Education

Florida Atlantic University | Boca Raton, Florida
Masters of Science | 05/2024
Graduated with 3.53 CGPA.

CMR Insititue of Technology | Hyderabad, Telangana
CSE | 07/2020
Under graduated with 6.65 CGPA which is equivalent to 3.51 CGPA.

Certificates

Aws Cloud Practitioner., Hacker rank: Level 4 Programming in Python and Java

Projects

Image Classification for CIFAR-10:

- using Keras code I have build an Image Classifier for CIFAR-10 dataset. The CIFAR-10 dataset is a well-known dataset used for machine learning and computer vision research. It is widely used for training machine learning models, especially in the context of image classification.

- I have used, TensorFlow, NumPy, Keras, seaborn, Matplotlib and few more libraries and modules for this project.

Naive Bayes for Text Classification:

- Successfully applied Naive Bayes for Text Classification, showcasing expertise in practical implementation
- Utilized NLP techniques for efficient data preprocessing, achieving effective categorization in diverse tasks, and enhancing model performance through features like TF-IDF.

Sentiment Analysis using Text Blob:

- Applied **Text Blob** tool to conduct Sentiment Analysis, exploring both polarity and intensity in textual data.
- corpora (language data) required by Text Blob is used for performing sentiment analysis.

Mini-Blog project using Flask:
- During this period, I have worked on different Python frameworks and Libraries like (Frameworks: Django, Flask, Libraries: Pandas, NumPy, Unit Test, JSON, SciPy).
- I also created a MicroBlog web page using the Flask framework. For Front-end I have used **HTML, CSS,** and **Javascript** and for the Back-end I have used **Python** as a server-side scripting language and **MongoDB** for database.

Technical Skills

- **Programming languages:** Python, Java, Javascript, Html, CSS, React
- **Python Libraries:** Pandas, NumPy, Unit Test, JSON, CSV, XML, XLS, SciPy
- **IDEs:** Net Beans, PyCharm, Spyder, Sublime Text, VS Code, IntelliJ, Anaconda, Jupiter.
- **Version Control Tools:** Git, GitHub, Bitbucket
- **Automation Tools:** Docker, Puppet, Chef, Ansible
- **GUI Frameworks:** PyJamas, Jytho, guidata, PyGUI, PyQt PyWebkitGtk
- **Database:** Sqlite3, MongoDB, Cassandra, Mysql Mssql
- **Operating System:** Windows, UNIX/Linux, Mac
- **Methodologies:** Software Development Lifecycle Agile Methodology, Scrum framework
- **RDBMS:** Oracle SQL Server, DB2, MS Access.
- **Cloud Computing Platforms**: Kubernetes, Amazon EC2, AWS Lambda, Amazon ECS, Amazon S3, Amazon EBS

Links

Linkedin Profile: https://www.linkedin.com/in/sai-krishna-bharadwaj-goparaju-a29352196/