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SAI KRISHNA BHARADWAJ GOPARAJU

Full Stack Developer

PROFESSIONAL SUMMARY

Full Stack Developer with 3 years of experience in developing and maintaining web applications, specializing in Python, Django, and JavaScript. Demonstrates strong skills in Agile methodologies, Kubernetes, and Amazon EBS, with a proven track record of enhancing functionality and user experience. Adept at implementing complex SQL queries, developing dynamic front-end interfaces, and improving data visualization, aiming to leverage expertise for innovative solutions.

EMPLOYMENT HISTORY

ANALYST PROGRAMMER   **Nov 2021 - Nov 2022**
Ramco Systems   *Chennai, Tamil Nadu*

- Implemented and deployed payroll system patches and deliverables using the RVW framework, ensuring timely and accurate compensation processing.
- Managed log shipping for diverse clients, maintaining data integrity and facilitating seamless disaster recovery procedures.
- Worked on Microsoft Power Apps for internal page designs.
- Created dynamic web interfaces using HTML, CSS, JavaScript, and Jinja2, enhancing user experience and functionality of internal applications.
- Implemented updates, patches, and enhancements as needed.Developed and enhanced internal dashboards using Python, MS SQL, and Flask framework, improving data visualization and decision-making processes.
- Provided ongoing maintenance and implemented critical updates for existing applications, ensuring optimal performance and user satisfaction.
- Engineered payroll system patches using RVW framework, ensuring precise compensation processing and maintaining data integrity through log-shipping procedures.

JUNIOR SOFTWARE DEVELOPER   **Apr 2019 - Oct 2021**
Rising Root Technologies   *Hyderabad, Telangana*

- Engineered robust databases, implementing complex SQL queries across MySQL, PostgreSQL, and MongoDB.
- We have developed dynamic front-end interfaces with HTML, CSS, and JavaScript, enhancing user engagement.
- We built application logic using Python and Django, improving application performance.
- Optimized data handling with efficient CSV and Excel file operations, streamlining workflows.
- I transitioned from an intern to a full-time role, contributing to diverse projects and expanding my skills.

EDUCATION

MASTERS OF SCIENCE   **May 2024 - Present**
Florida Atlantic University   *Boca Raton, Florida*

Graduated with 3.53 GPA

CSE   **Jul 2020 - Jul 2020**
CMR Insititue of Technology   *Hyderabad, Telangana*

Graduated with 3.64 GPA

COURSES

CLOUD PRACTITIONER   **Mar 2024 - Apr 2024**
AWS

LEVEL 4 PROGRAMMING IN PYTHON AND JAVA   **Mar 2024 - Apr 2024**
Hacker rank

SKILLS

Python *(Experienced)*, Java *(Skillful)*, Javascript *(Experienced)*, HTML *(Experienced)*, CSS *(Experienced)*,
React *(Skillful)*, Pandas *(Skillful)*, NumPy *(Skillful)*, JSON *(Experienced)*, CSV *(Skillful)*, XML *(Skillful)*,
SciPy *(Skillful)*, Git *(Experienced)*, GitHub *(Experienced)*, Bitbucket *(Beginner)*, Docker *(Skillful)*,
Puppet *(Beginner)*, MongoDB *(Skillful)*, Cassandra *(Beginner)*, Mysql *(Experienced)*, Mssql *(Experienced)*,
Linux *(Experienced)*, Agile *(Skillful)*, SQL Server *(Skillful)*, DB2 *(Skillful)*, Kubernetes *(Skillful)*,
AWS EC2 *(Skillful)*, AWS Lambda *(Skillful)*, Amazon ECS *(Skillful)*, Amazon S3 *(Skillful)*,
Amazon EBS *(Skillful)*.

LINKS

Linkedin Profile: www.linkedin.com.

ADDITIONAL INFORMATION

IMAGE CLASSIFICATION FOR CIFAR-10

♦ Using Keras code I have built an Image Classifier for the 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 a 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 (Frameworks: Django,
Flask, Libraries: Pandas, NumPy, Unit Test, JSON, SciPy).
♦ I also created a MicroBlog web page using the Flask framework. For the 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 the database.

INTERNSHIPS

AI ENGINEER   **Jul 2024 - Present**
HeadStarter AI

♦ Developed and maintained a portfolio using JavaScript, HTML, CSS, and SASS, improving functionality.
♦ Hosted this application with DNS for seamless user access and enhanced experience.
♦ Attended meetings with CEOs and Directors to gain insights into tech industry success.
♦ Collaborated with international teams for diverse perspectives and effective teamwork.
♦ Developed an Inventory System for groceries using Node.js, JavaScript, Material UI, and Firebase.