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SAI KRISHNA

BHARADWAJ GOPARAJU

FULL STACK DEVELOPER

PROFESSIONAL SUMMARY

Full Stack Developer with 5 years of experience in developing and maintaining web applications, specializing in Python, Django, and JavaScript. Demonstrates strong skills in DevOps tools, Docker, Kubernetes, and AWS EC2, with a proven track record of enhancing functionality and user experience. Adept at implementing job scheduling algorithms, web services integration, and performance optimization, aiming to leverage expertise for innovative solutions.

EMPLOYMENT HISTORY

NOV 2021 – NOV 2022

Analyst Programmer, 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.

APR 2019 – OCT 2021

Junior Software Developer, Rising Root Technologies, Hyderabad, Telangana

- Worked as an Intern for 1 year in this company and after one year continued as a full-time employee.
- Worked on different projects and gained so much knowledge.
- Engineered robust database solutions, implementing complex SQL queries and stored procedures across MySQL, PostgreSQL, and MongoDB platforms
- Built application logic using Python and used the Django Framework to develop the application.
- 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.
- Worked on AJAX framework to transform Datasets and Data tables into HTTP-serializable JSON strings.Spearheaded development of ticketing systems using Python and Django, revolutionizing internal processes and enhancing user experience
- Developed dynamic front-end interfaces using HTML, CSS, and JavaScript, significantly improving application responsiveness and user engagement
- Seamlessly transitioned from intern to full-time role, contributing to diverse projects and rapidly expanding technical expertise
- Optimized data handling processes by implementing efficient CSV and Excel file operations, streamlining information flow across systems
- Engineered cutting-edge database solutions, implementing intricate SQL queries across MySQL, PostgreSQL, and MongoDB, enhancing system performance and data integrity

EDUCATION

MAY 2024 – PRESENT

Masters of Science, Florida Atlantic University, Boca Raton, Florida

Graduated with 3.53 GPA

JUL 2020 – JUL 2020

CSE, CMR Insititue of Technology, Hyderabad, Telangana

Graduated with 3.64 GPA

COURSES

MAR 2024 – APR 2024

Cloud Practitioner at AWS

MAR 2024 – APR 2024

Level 4 Programming in Python and Java at Hacker rank

SKILLS

Python



Javascript



CSS



Pandas



JSON



XML



Git



Bitbucket



Puppet



Cassandra



Mssql



Agile



DB2



AWS EC2



Amazon ECS



Amazon EBS



LINKS

[Linkedin Profile](#)

Java



HTML



React



NumPy



CSV



SciPy



GitHub



Docker



MongoDB



Mysql



Linux



SQL Server



Kubernetes



AWS Lambda



Amazon S3



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

JUL 2024 - PRESENT

AI Engineer, 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.