VAMSEE KRISHNA SAI NARAMSETTY

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EDUCATION

Indiana University, Bloomington, IN, U.S.A.   **May 2023**
- Master's in Computer Science

GITAM Deemed to be University, TS, India.   **April 2019**
- Bachelor's in Computer Science

SKILLS

●	**Databases**	: MS SQL Server, PostgreSQL, Oracle 11g, MongoDB, MySQL, PHP
●	**Languages**	: Java, Python, C++, C, Object Oriented Programming, SQL, PL/SQL, Linux, NoSQL, XML, Unix
●	**Web Technologies**	: HTML, CSS, JavaScript, Flask, Django, REST API, Postman, SpringBoot, ReactJS
●	**Developer Tools**	: Git, GitHub, Docker, MS Visual Studio, Jupyter, SVN, Putty, Jira, ServiceNow, WinSCP, Windows
●	**Cloud**	: Amazon Web Services (AWS), Azure, Oracle Cloud, CI/CD
●	**Other**	: SDLC, Agile, JSON, TCP/IP, BI Publisher, MS Office Suite

PROFESSIONAL EXPERIENCE

Indiana Geological and Water Survey – Bloomington, IN, USA   **September 2022 -Present**
[Software Developer – Part Time]
- Implemented an automated flagging system using Python and MySQL that promptly notifies research geologists in case of abnormal weather station data, resulting in a reduction of **6 hours of manual effort per week.**
- **Collaborated** with a team of geologists and employed data processing, requirement gathering, and algorithmic thinking skills to deliver a highly effective solution that streamlined workflows and improved the accuracy of weather-related data analysis.

Wipro Technologies - Hyderabad, India.   **April 2019 - May 2021**
[Software Engineer- Full Time]
- Employed SQL Developer to define business logic using **PL/SQL** packages, procedures, and functions.
- Led the migration of 220 financial reports from the Oracle 11g database to the **Oracle Cloud** platform.
- Developed a custom SQL Loader program to load the data from external files into tables of Oracle database with additional validations which slashed manual work by **70%.**
- Automated a mailer program that sends data from the database to the vendors of our client on a day-to-day basis which was previously done manually, reducing the overhead of **10 hours per week.**
- As per the **Agile methodology**, actively engaged in sprint ceremonies and code reviews.
- **Collaborated** with cross-functional teams in a client-facing role to gather, document, and analyze requirements, ensuring effective communication between stakeholders and successful project delivery.

PROJECTS

Event Factory – [Website] || Python, Git, HTML, CSS, Flask, PostgreSQL, Heroku, REST, React
- Developed an easy-to-use **web application** that allows users to book a venue to organize an event and reserve a slot to attend an event.
- Implemented features like filtering search results based on various inputs like location, event type, cost, and a person calendar that displays the upcoming events that a user has registered for. Developed **RESTful APIs** to interact with the database.

Secure Data Self-Destructing Scheme || Java, SpringBoot, HTML, CSS, MySQL, Apache Tomcat
- Built a **web application** using Java and Spring Boot to protect the data present in the files that are shared on cloud platforms.
- This application ensures data security by using a key based encryption. The data will be self-destructed when the wrong key is used to decrypt or when the decryption key is not entered within a specified amount of time by utilizing built-in Java libraries.

Detecting Fake Online Reviews || Python, Machine Learning, Git, Jupyter
- Designed and implemented Naïve Bayes' model to classify whether the user generated online reviews are legitimate or not with an **accuracy of 76%.** Performed data cleansing and exploratory data analysis on the dataset that consisted of reviews for hotels in Chicago.