**Adarsh Singh**

Technical Lead - AWS

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**SUMMARY:**

Results-oriented Technical Lead with expertise in AWS, Python, and data analysis, proficiently driving initiatives in CVE data collection, client analysis, dashboard development, and automation to optimize security operations.

**TECHNICAL SKILLS:**

* **Database** – MySQL, MongoDB, PostgreSQL
* **DevOps** – Docker, AWS, Kubernetes
* **Frontend** – HTML, CSS, Python
* **Auxiliary Technical Proficiencies** – Power BI, Data Analytics, Excel, CI-CD Pipeline, Git, Jira, Data Warehousing, BigQuery, ETL, Generative AI, Machine Learning, Flask.

**EXPERIENCE:**

**Technical Lead (TL)** – Amigosec Consulting Private Limited (Synradar) | December 2022 – January 2024

* **Led CVE Data Collection**: Orchestrated the gathering of CVE scores and details using Beautiful Soup, establishing a robust database for vulnerability assessment. Reduced CVE alert response time by 30% through automated data collection.
* **Conducted Client Data Analysis**: Analyzed client data to identify vulnerabilities and enhance system resilience, providing actionable insights. Developed AWS-powered dashboards, improving client visibility by 40%.
* **Developed Dashboards**: Created intuitive Python dashboards to visualize scan results, aiding clients in decision-making. Enhanced client satisfaction by 25% with clear, accessible security insights.
* **Automated Operations**: Implemented Python scripts and AWS Lambda to automate tasks, boosting efficiency by 50%. Achieved significant cost savings while ensuring data integrity and security.
* **Ensured Data Integrity**: Rigorously tested APIs and scripts, maintaining 99% application uptime and data integrity. Improved data accuracy by 20% through stringent testing and monitoring.

**Software Consultant** – LTIMindTree | August 2020 – December 2022

* **Advanced Analytics**: Spearheaded the analysis of system logs and conducted in-depth fraud transaction analysis within the BFSI sector, employing advanced techniques to identify and mitigate potential risks.
* **Technical Expertise**: Proficient in MySQL, OpenShift, Linux, and batch processing, with hands-on experience in incident resolution, UAT, and live application debugging using Kibana.
* **Operational Streamlining**: Utilized ServiceNow as an ITIL tool for operational efficiency, successfully managing major escalation incidents and collaborating with cross-functional teams to promptly resolve issues.
* **Change Management Leadership**: Played a pivotal role in the deployment and change management of banking applications, ensuring seamless transitions and adherence to SLAs while fostering collaboration across departments.

**PROJECTS:**

[**[Link]**](https://github.com/Adi21Singh/invoiceextractor_updated) **Multilanguage Invoice Extractor**

**Tech Stack: Python, Generative AI, LLM, Google Gemini**

* Orchestrated the development of a groundbreaking Multilanguage Invoice Extractor project, integrating Gemini Pro, Google, LangChain, and Streamlit technologies.
* Enhanced efficiency and accuracy by seamlessly integrating Gemini Pro and Google resources while leveraging LangChain's multilingual processing capabilities

[**[Link]**](https://github.com/Adi21Singh/LLM) **QA Chatbot**

**Tech Stack: Python, Generative AI, LLM, Google Gemini**

* Implemented a transformative legal project for my LLM using Gemini Pro in Python, integrating Streamlit for a sleek UI and Google's Generative AI for powerful insights.
* Developed a chatbot with memory functionality, capturing and storing valuable interactions, leveraging cutting-edge technology to enhance the project's capabilities and impact.

[**[Link]**](https://github.com/Adi21Singh/EDA-Zomato) **Zomato EDA**

**Tech Stack: Python, Feature Engineering, NumPy, Pandas, Matplotlib**

* Conducted exploratory data analysis (EDA) on Zomato dataset using Python, focusing on feature engineering techniques with modules such as NumPy, Pandas, and Matplotlib to uncover insights and patterns.

**EDUCATION:**

**Mumbai University**, Mumbai | Bachelor of Science in Information Technology | July 2017 to August 2020