SAI TEJASWAR REDDY DALLI

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EDUCATION

California State University Dominguez Hills
Masters in computer science
Major courses: Advanced Software Engineering, Advanced Programming, Human Computer Interaction and Interface Design

Raghu Engineering College, India
Bachelor of Technology in Computer Science
Major courses: Python, Computer Organization and operating systems, OOPS by Java.

TECHNICAL SKILLS

Programming & Tools: C, C++, Python, SQL, SAP ABAP, SAP BASIS, Hadoop, AWS, Linux, Git, GitHub, VS Code, Xcode
SAP Basis Administration: System Monitoring, Kernel Upgrades, Transport Management, SAP Security
Cloud & Data Engineering: AWS Cloud Management, Data Analytics, ETL Processes
Deep Learning & AI: U-Net, SageMaker, Gen AI, LLM Fine-Tuning, Amazon BedRock, PartyRock, Amazon Whisperer
Soft Skills: Problem Solving, Adaptability, Time Management, Leadership, Communication

PROFESSIONAL EXPERIENCE

Senior Software engineer

INFOSYS PVT LTD, India   *Feb 2020-Jan 2023*

- **Led SAP Infrastructure**: Managed full SAP lifecycle across environments, reducing downtime 20% while maintaining 99.8% availability.
- **Implemented Security**: Configured SAP roles, authorizations and access controls ensuring data integrity and compliance requirements.
- **Executed Maintenance**: Performed kernel upgrades, patches and health checks to maintain system stability and optimize performance.
- **Directed Support**: Used diagnostic tools to identify bottlenecks and coordinate cross-functional issue resolution.

PROJECTS

Semantic Segmentation for Scene Understanding in Autonomous Vehicles using U-Net
- Built an AI system that helps self-driving cars identify objects on the road by analyzing images pixel by pixel.
- Made the system faster with GPU technology and fine-tuned its settings to accurately detect pedestrians, vehicles, and road signs

Big Data Using Hadoop
- Employed Hadoop's ecosystem tools such as Hive and Spark to analyze large datasets and extract meaningful insights. Utilized Hadoop's HDFS for efficient data storage and processing.

Building a Domain Expert Model (Nano Degree)
- Evaluated and fine-tuned a pre-trained Llama 2 model using datasets from domains like medical, finance, and IT.
- Deployed the fine-tuned model, leveraging domain-specific knowledge for enhanced accuracy in text classification tasks.

Built applications on IOS (Live on App Store):
- Built an application called "Medilook" that gives the information of medications using Open FDA Api.
- Built an application called "Instancify" that helps users track and manage their EC2 instances in AWS, improving cloud resource visibility and management efficiency and helps them save 50-100$ monthly.

CERTIFICATIONS

- Introducing Generative AI with AWS (UDACITY)

- AWS Academy Graduate – AWS Academy MLU Machine Learning through Application

- Scientific Computing with Python

- Infrastructure and Application Modernization with Google Cloud