Mihir Limbachia

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EXPERIENCE

Dell Technologies   **July 2024 – Present**
Software Engineer   Austin, TX
- Resolved bugs in Wyse Device Agent software and increased code coverage by over 15% through unit tests, enhancing software reliability
- Developed automated API tests using the pytest framework to validate the reliability and performance of local inference through AI models like Whisper, Llama and ESRGAN.
- Developed and optimized CI/CD pipelines with Jenkins and Artifactory, streamlining deployment processes

Dell Technologies   **Jun 2023 – Aug 2023**
Graduate Intern   Austin, TX
- Leveraged Scikit-learn and PySpark to develop a specialized machine learning model for precise endpoint location profiling and real-time alert generation, bolstering endpoint security measures
- Developed and integrated .NET APIs for retrieving location-based alert data, enabling real-time map visualization in a web application; resulting in enhanced situational awareness and response efficiency

Amazon   **Mar 2021 – Jun 2022**
Solutions Engineer   Bangalore, Karnataka, India
- Developed ETL jobs to analyze API usage events data and delivered data views to reduce ad hoc query costs
- Built an impactful QuickSight dashboard to visualize API usage metrics, facilitating prompt identification and resolution of usage issues encountered by customers
- Conducted ad-hoc data analytics to support program managers, resulting in successful client engagements of advertising partners

Amazon Web Services   **Jul 2018 – Mar 2021**
Cloud Support Engineer   Bangalore, Karnataka, India
- Provided technical expertise and consultation to a diverse client base of 200+ customers, empowering them to optimize their cloud infrastructure for scalability, fault-tolerance, and high performance
- Spearheaded the creation of over 20 internal articles and public-facing videos, resulting in the successful deflection and efficient resolution of support cases

EDUCATION

Texas A&M University   **May 2024**
Master of Science in Management Information Systems   College Station, TX
Dhirubhai Ambani Institute of Info and Comm Technology   **May 2018**
Bachelor of Technology in Information and Communication Technology   Gandhinagar, Gujarat, India

TECHNICAL SKILLS & CERTIFICATIONS

- **Languages:** Java, Python, C#, SQL, R, JavaScript
- **Frameworks:** Node, Express, Angular, React, ASP.NET Core
- **Databases:** RedShift, MySQL, PostgreSQL, SQL Server, MongoDB, DynamoDB,
- **Tools & Technologies:** Docker, Kubernetes, RabbitMQ, Kafka, Elasticsearch, Spark, Logstash
- **Certifications:** AWS Data Analytics Specialty, AWS Developer Associate, Udacity Data Engineer Nanodegree

PROJECTS

Stolen Endpoint Detection System
- Developed a sophisticated machine learning model, leveraging the DBSCAN algorithm, to achieve precise detection of stolen endpoint incidents through in-depth analysis of location telemetry data collected via endpoint agent
- Designed an Angular web application tailored to deliver real-time visualization of stolen endpoint alerts, empowering enterprise IT administrators to swiftly respond with actions like device quarantine

Indian Meal Subscription Platform
- Developed a responsive meal subscription platform using Angular and .NET Web API, implementing key features such as user authentication, order processing, subscription management, and secure payments via the Stripe API