SANDEEP NAMBURI

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EDUCATION
The University of Texas at Dallas, Richardson, TX
B.S. in Computer Science, Minor in Data Science (Jonsson Academic Scholar)   December 2020
- Results-driven data architect and software engineer with seven certifications in AWS and Google Cloud; track record of building well-architected large-scale applications to drive breakthrough efficiency

TECHNICAL SKILLS
Languages/Technologies: AWS Cloud, Data Warehousing, Postgres, Advanced SQL, Query Tuning, NoSQL, Apache Kafka, Security & Federation, Database Design, Python, Java, Linux, Docker, Data Structures, Git
Certifications: AWS Data Analytics – *Specialty*, AWS Security – *Specialty*, AWS Solutions Architect – *Associate*, AWS SysOps Admin - *Associate*, AWS Developer - *Associate*, AWS Cloud Practitioner, Google Cloud Engineer – *QwikLabs*

WORK EXPERIENCE
Amazon Web Services (AWS) | Austin, TX   June 2020 – PRESENT
Associate Data Architect
- Implemented a cloud lakehouse and multi-stage data pipeline across 3 different primary data sources using Python, Lake Formation, Athena, Redshift, Kinesis, and QuickSight that resulted in a **30% cost reduction** compared to legacy tools
- Analyzed compression, query run times, system tables, distribution keys, and workload management across a multi-node data warehouse to improve overall query execution times by **over 54%**; implemented Apache **Flink** streaming, Batch ETL with **Spark**, Lambda UDFs, and Redshift ML to fully scale and build new use cases for incoming streams of data
- Run technical enablement sessions for AWS customers to help them transform their businesses; helped multiple Fortune 500 implement well-architected analytics infrastructures in AWS cloud

Capital One | Plano, TX   August 2019 – December 2019
Software Engineer Intern
- Co-developed a customer service tool to compare insurance policy JSON data in a dynamic grid-like webpage; built with **AngularJS**, **Java**, and NoSQL DB (**DynamoDB** + DynamoDB Streams)
- Attained a strong knowledge of AWS technologies including **Kinesis**, **Elasticache**, **Lambda**, **EC2**, **SQS**, **SNS**, and **SWF**

USAA | Plano, TX   May 2018 – August 2019
Data Engineer Intern
- Integrated **Apache Kafka** to existing pipeline to increase data-ingestion speeds by up to **54%**
- **Collected**, **cleansed**, and **modeled** both structured and unstructured data to visualize department-wide unit-testing practices

PROJECTS & AWARDS
Flyo | Sabre Hackathon, Las Vegas, NV (1st Place)   July 2017
- Developed an Alexa application that utilizes the Sabre and Twilio APIs to find the cheapest flight prices to a given destination based on a specific date
  Built with: *Alexa Skills Kit, Amazon RDS, Amazon ElastiCache, AWS Lambda, NodeJS*
iRelief | Johns Hopkins Hackathon, Baltimore, MD (1st Place)   September 2019
- Developed a dynamic, cross-platform application to aid hurricane relief efforts using an in-app social networking engine, peer-to-peer location sharing, and an active web-scraping tool
  Built with: *Google Cloud API, React Native, NodeJS, Express, HTML/CSS*

LEADERSHIP
Gathr | Co-Founder & Software Engineer   June 2020 – PRESENT
- A modern tool in BETA that is trying to redefine the candidate experience in recruiting
HackersUTD | Co-Founder & President   August 2017 – December 2020
- Recruited and lead a team of officers to conduct workshops and promote hackathons across campus