

SAURABH BHAUSAHEB ZINJAD

☎ +1 480 913 5544

✉ saurabhzinjad@asu.edu

🌐 github.com/Ztrimus

in [linkedin.com/in/saurabhzinjad](https://www.linkedin.com/in/saurabhzinjad)

EDUCATION

Arizona State University, Tempe, USA

August 2023 - May 2025

Masters of Science in Computer Science (GPA: 4/4)

Relevant Courses: Social Media Mining, Knowledge Representation and Reasoning Algorithms, Statistical Machine Learning,

Pune Institute of Computer Technology(PICT), Savitribai Phule Pune University, India

July 2015 - June 2019

Bachelor of Engineering (GPA: 8.53/10)

Relevant Courses: Data Structure and Algorithms, Object Oriented Programming, Operating System, System Programming, Computer Networks, Information Theory, Artificial Intelligence, Machine learning, Digital Video and Image Processing,

TECHNICAL SKILLS

Programming Languages

Python, Java, SQL, Unix / Linux Scripting

Cloud Platforms & Databases

GCP, AWS, Big Query, Cassandra, Postgres, DynamoDB, MySQL

Data Engineering

Spark, Kafka, Snowflake, Airflow, Tableau, ETL, Pandas, D3.js

DevOps / SRE

CI/CD, Git, Jenkins, Docker, Kubernetes, EC2, ECR, S3

Certified Google Cloud Platform Associate Cloud Engineer.

WORK EXPERIENCE

BigCommerce

Austin, Texas

Data Science Intern

June 2023 - August 2023

- Constructed a logistic regression predictive classifier machine learning model for 3 million opportunities, utilizing **SQL**, **ETL**, and **data modeling techniques**, to predict customer retention post-7-day trial with increased accuracy of 12%.
- Executed insightful **Exploratory Data Analysis (EDA)**, implementing effective data strategies to elevate data quality and lay a robust foundation for predictive modeling.
- Presented findings and new ideas for Hyper-personalization using AI to the director of technology, resulting in enterprise-scale adoption for driving business growth.

Publicis Sapient

Bangalore, India

Data Engineer - II

June 2019 - July 2022

- Engineered complex **ETL** pipelines using **Apache Spark**, optimizing data **extraction, transformation, and loading** from diverse sources, such as **Redshift, S3, Kinesis Streams**, and **Kafka**.
- Utilized distributed computing frameworks such as **Apache Spark** to manage **large-scale data processing** tasks, enhancing performance and resource utilization by 15%.
- Ensured data accuracy, integrity, and consistency through robust data quality checks and automated testing frameworks.
- Designed and maintained **real-time data streaming** solutions with **Apache Spark**, and **GCP Cloud Run** staying current with the latest candidate activities.
- Utilized **AWS Lambda, and SNS** for scheduled data transformations, cutting pipeline run-time by 2 hours weekly.

PROJECTS

Search Engine for All file types - Opportunity Hackathon

- Spearheaded **Elasticsearch** implementation for blazing-fast search responses, with **millisecond response times**.
- Converted and stored every file type data as **vector embeddings**, ensuring **low-latency search** capabilities.
- Led **Python FAST API development**, providing efficient data access and retrieval.
- Used Machine Learning techniques such as BERT, OCR, ResNet50, and Image Captioning to parse Image features.
- Collaborated** effectively with team members, optimizing task distribution for streamlined project completion.

Scalable Data Processing Pipeline - Neo4J, Docker, Kafka and Minikube

- Designed and implemented a highly scalable and available data processing pipeline using **Kubernetes**, Kafka, Docker, **Neo4j**.
- Orchestrated the setup of Kafka and Apache Zookeeper using Minikube, a lightweight Kubernetes implementation.
- Streamlined data ingestion, and processing into Neo4j, applying PageRank and BFS for graph-based data exploration.

Email Automation Marketing Tool

- Initiated and completed the development of a robust email automation project, streamlining job application outreach and networking efforts with individuals of similar interests. employed REST API integration to acquire and manage a comprehensive contact database from CRM tools, demonstrating prowess in **full-stack development** and **API design**.