

ISHAN UNNARKAR

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EDUCATION

CALIFORNIA STATE UNIVERSITY

Masters of Science

Major in Computer Science; Minor in Artificial Intelligence

Cumulative GPA: **3.82**/4.0

Relevant Coursework: Advance Analysis of Algorithms, Advance Software Engineering; Blockchain; Pattern Recognition; Artificial Intelligence

Long Beach, CA

Expected May 2024

UNIVERSITY OF MUMBAI

Bachelors of Engineering

Major in Computer Science; Minor in Artificial Intelligence

Cumulative GPA: **3.55**/4.0

Relevant Coursework: Big Data Analysis, Operating Systems, Data Mining and Business Intelligence.

Mumbai, India

Jul 2016 – Nov 2020

WORK EXPERIENCE

ACCENTURE SOLUTIONS

Associate Software Developer

- Engineered AWS Glue jobs with Pyspark to process and store 20+ SAP tables to AWS Redshift.
- Authored a Python based AWS Lambda script automating the data pipelines, reducing manual intervention by 90%.
- Enhanced data pipelines by integrating Slowly Changing Dimensions (SCD2) and Change Data Capture, which led to a significant reduction in data loss by 40% and improved data accuracy by 30%.
- Collaborated with cross-functional teams in a CI / CD environment using Jira, ensuring seamless software delivery and high-quality code.
- Trained and mentored a team of 4 summer interns, equipping the team with expertise in data engineering, data quality, and API integration.

Mumbai, India

Jan 2021 – Aug 2022

FORAGE

Data Analytics Consulting Virtual Internship

- Created a high-value client segmentation model using Excel and Python, resulting in a 25% increase in targeted marketing effectiveness and optimized marketing spend.
- Designed over 10 dashboards in Tableau to analyze data and find key insights, including a dashboard to analyze the company's sales and market share.
- Assessed the quality and completeness of data and removed anomalies like UTF-8 encrypted characters and NULL values by using Python and SQL, resulting in 100% data quality.

Mumbai, India

Oct 2020 – Dec 2020

UNIVERSITY PROJECTS

STUDENT CROWDFUNDING AND RECOMMENDATION SYSTEM

- Developed a hybrid recommendation system for student projects by combining Content-based filtering with Collaborative filtering, resulting in 35% accuracy and precision.
- Implemented role based access controls for 2 types of users (Students and Investors) to co-exist on a single platform using Java, and Spring boot.

SERVERLESS DATA STREAMING

- Developed serverless data streaming solution using Amazon Kinesis, reducing data ingestion latency by 50% for near-real-time analytics.
- Partnered with a team to implement an architecture with AWS services, increasing data throughput by 30% to handle higher volumes.
- Optimized data ingestion process, improving data quality by 40% for accurate and reliable analytics.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, Scala, YAML

Database Technologies: MySQL, MongoDB, DynamoDB, AWS RDS, Snowflake.

Frameworks: Hadoop, Apache Spark, Apache Kafka, React, Node.js, Spring Boot.