Siddhi Narayan

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Education

- **California State Polytechnic University**   California, USA
  Master of Science - Computer Science   *Jan 2025 - Ongoing*

- **Sir M. Visvesvaraya Institute of Technology**   Bengalore, India
  Bachelor of Technology - Computer Science Engineering; CGPA: 8.73   *Nov 2020 - May 2024*

- **Rani Laxmi Bai Memorial School**   Lucknow, India
  Intermediate; Percentage: 92.4   *July 2018 - May 2019*

- **Rani Laxmi Bai Memorial School** *High*   Lucknow, India
  School; CGPA: 10   *July 2016 - May 2017*

Skills Summary

- **Languages**:   C++, JAVA, Scala, HTML, CSS, JS
- **Tools**:   GIT, MySQL, Power BI
- **Platforms**:   Apache Kafka, Apache Spark
- **Soft Skills**:   Coding, Communication, Problem Solving, Pressure Bearing, Project Management

Experience

- **Target Corporation**   Banglore, Karnataka
  Student Intern as Data Engineer (Full-time)   *April 2023 - November 2023*
  - **Training**: Completed comprehensive training in Apache Spark, Scala, Kafka, and Cassandra, gaining expertise in data pipelines and distributed systems.
  - **Projects (Marvel and Capstone)**: Executed projects showcasing proficiency in Spark, Scala, Kafka, and Cassandra, contributing to real-world data processing solutions.
  - **Main Project (Clickstream Data Pipeline)**: Led development of a scalable clickstream data pipeline utilizing Spark, Scala, Kafka, and Cassandra, enabling real-time insights from diverse data sources.
  - **Jira Proficiency**: Utilized Jira for project management, tracking tasks, issues, and collaboration, ensuring streamlined development processes and effective team communication.

Certificates

- **Smart India Hackathon**: Participated in the prestigious Smart India Hackathon, collaborating within a multidisciplinary team to ideate and develop innovative solution that addressed real-world challenges.
- **Data Structure Course**: Obtained a Udemy course completion certificate, showcasing dedication to continuous learning and acquiring expertise in Data Structures. Demonstrated commitment to self-improvement and skill enhancement through completion of this comprehensive online course.
- **Game Development Course**: Attained a Udemy course completion certificate in game development using Unity and C, reflecting proficiency in leveraging these tools to create interactive and engaging digital experiences.
- **Power BI**: Completed an in-depth course on data visualization, dashboard creation, and data analysis using Power BI. Gained hands-on experience through projects and quizzes, earning a certification to enhance analytical and reporting skills.
- **AdVerk Technologies**: Successfully earned an Internship Completion Certificate in Web Technology, underscoring practical proficiency in web development and technologies gained during the internship tenure.

Projects

- **College News Aggregator**:
  - **Constructed a college project mobile app using Microsoft Visual Studio, skillfully utilizing XML and JAVA.**
  - **Designed an intuitive user interface facilitating student access to a wide array of college news.**
  - **Implemented an admin app, granting coordinators the ability to efficiently add, modify, or remove news content.**
- **College Guide**:

- Executed a project using HTML, CSS, JS, MongoDB, and Bootstrap, as part of the Smart India Hackathon.
- Addressed the challenge of enhancing accuracy in students' search for college details.
- Created an innovative solution to streamline the process of finding precise college information.
- **Zomato**:
  - Formulated during internship training at Target, utilizing Spark and Scala.
  - Objective centered around comprehensive analysis of restaurant data by implementing predefined business rules.
  - Developed an impactful solution to extract insights from the data and apply specified business criteria.
- **Clickstream Data Pipeline**:
  - Created during internship at Target as part of a project phase, utilizing Spark, Scala, SBT, MySQL, Tableau, and more.
  - Project objective focused on executing ETL (Extract, Transform, Load) tasks on clickstream data, transforming it into structured data format.
  - Successfully designed a robust solution to process and organize clickstream data, facilitating meaningful analysis and insights.
- **Predictive Modelling of Urban Water Quality**:
  - Created during final year of B.Tech programme as a part of project phase, utilizing Machine Learning algorithms and Python programming language.
  - Project was focused on testing and training six different ML algorithms and compairing them to get the algorithm with highest accuracy for further analysis.
  - Successfully designed a robust solution to pridict the quality of water, facilitating meaningful analysis and insights.
- **Personal Workout Tracker with Data Visualization**:
  - Developed a Personal Workout Tracker: Built an Angular-based single-page application (SPA) for tracking and visualizing personal workout data.
  - Implemented Data Visualization: Integrated Chart.js to create interactive graphs displaying workout minutes per user.
  - Enhanced User Experience: Included features such as filtering, pagination, and local storage for data persistence.

Achievements

- **GATE 2023**: Achieved GATE 2023 success with AIR-6135 on the first attempt
- **Hackathon Idea Presentation**: Proposed a College Guide concept for streamlined access to comprehensive details of colleges across India, providing students an aggregated platform.
- **Smart India Hackathon**: Secured a semi-final spot in the Smart India Hackathon after presenting our college idea, leading to the creation of an interactive website that materialized the concept.