

ADITYA SIDHAM

JAVA | SQL | DATA SCIENCE | MACHINE LEARNING | IOT

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PROFILE SYNOPSIS

- Motivated and technically skilled graduate student at USC, with hands-on experience in **Software development**, **Data science**, and **IoT systems**. Proven ability to analyze complex datasets, develop intelligent solutions, and build impactful applications. Strong in **Java**, **SQL**, and **Python**, with exposure to real-time data pipelines, computer vision, and web systems. Highly adaptable and passionate about applying learning in dynamic environments.

KEY SKILLS

- Java
- Artificial Intelligence
- Data Analysis
- Web Development
- SpringBoot
- IOT
- Databases -SQL, NoSQL
- Strong Problem-Solving
- Machine Learning

Technical Skill: Java, Python, Git , SQL, Apache Spark, HDFS, Excel , AutoCAD , Arduino , Raspberry PI

NOTEWORTHY HIGHLIGHTS

- Participated in Creative Innovation and Ideas in Action (CIIA) exhibition organized at internal college level – Finalist & Certificate of Participation in project “**Smart Fire and Smoke Detection System**”
- Coursera – **Google Data Analytics Professional Certificate**
- Harvard Business School Online Certificate in **Business Analytics , Sustainable Business Strategy, Entrepreneurship essentials**

ACADEMIC CREDENTIALS

Masters in Applied Data Science | University Of Southern California (USC) , Los Angeles 2025-2026
B. Tech in Computer Engineering (Data Science) | 9.03 CGPA | Ramrao Adik Institute of Technology, DY Patil University. 2024

EXPERIENCE

LTIMindtree | Graduate Engineer Trainee | Sept 2024 – Nov 2024

- As a Full time GET, I worked on C# Language for Full stack Development.
- I worked on API's, SQL, .NET for development, created applications and worked on backend logics
- Key Skills: .NET, Postman, SQL, ASP .Net and Front End Development

Tata Consultancy Services | Jan 2024 – May 2024

- As an intern on a CPMS (Central Plan Scheme Monitoring System) project, I learned Spring Framework, Java EE, JSP, and Servlets technology and hands-on tools such as Postman, Oracle DB, MySQL.
- I was part of the Development team on Front End SpringBoot Application with Database connectivity and designed a Dashboard.
- Key Skills: Java , SQL , Spring Framework, Team Collaboration Skills, Servlet.

ACES INVENSYS TECHNOLOGIES LLP (Internet of Things) | May 2023 – June 2023

- Worked as an intern to learn and work on Real time sensors data for analytics and data management skills.
- Used Python and MQTT Library to learn communication between IOT beacons and system to send signals and receive data from devices
- Learned and worked upon Data management and Networking Skills

PROJECTS HANDLED

FitForm: Form Detection for Exercising

- FitForm is a Computer Vision based Project that uses Mediapipe and OpenCV, that can track and evaluate a person's form while they engage in different workouts, it tracks their form and counts repetitions of the exercise being performed.
- Fitform can track various Exercises such as Squats, Shoulder presses, Dumbbell Bicep Curls and much more and keep track of the repetition being performed while keeping the posture in consideration while counting.

My Portfolio

- An Interactive Portfolio/CV for comprehensive representation of my professional profile
- Features to Download Resume, Send feedback through web based form service, with functionality of Dark mode
- Made on Bootstrap, HTML, JS and CSS

Chat-DB

- ChatDB** is an AI-powered web application that allows users to interact with **MySQL** and **MongoDB** databases using **natural language**. Built with **Streamlit** and powered by **Google Gemini API**, ChatDB translates plain English questions into SQL or NoSQL queries and executes them seamlessly.

COURSES & CERTIFICATIONS

- Google **Data Analytics Professional Certificate** | Jun 2024 ([Certificate](#))
- Certificate in **Entrepreneurship essentials** by Harvard Business School | Jun. 2023 ([Certificate](#))
- Certification in **Sustainable Business Strategy** by Harvard Business School | Feb. 2022 ([Certificate](#))
- Certification in **Business Analytics** by Harvard Business School | Sep. 2021 ([Certificate](#))
- Certificate of Participation in **A Step towards Product Development on Skill enhancement** Workshop program by RAIT | 15 June 2021
- Certificate of Participation in **Java Programming Workshop** organised by ISTE-RAIT | November 2020
- RAIT ACM Student Chapter – Certificate of Participation in “**React**” Workshop | 31st October 2020
- SP Robotics Certificate – **Maker of the Month**, September 2018 for the project “**Robotic Arm**” ([Link](#))