

# ADITYA SIDHAM

JAVA | SQL | DATA SCIENCE | MACHINE LEARNING | IOT

☐ +91-8369712421 ☐ adityasidham@gmail.com ☐ [LinkedIn](#) ☐ [GitHub](#) ☐ <https://bit.ly/AdityaSidham-Portfolio?r=qr>

## PROFILE SYNOPSIS

- A highly motivated and passionate individual with a strong interest in Software Development, Data science & Machine learning and Internet of Things . Eager to apply academic knowledge and self-learned skills to real-world problems.
- Proven ability to analyze complex data sets, derive meaningful insights, and develop innovative solutions.
- Strong problem-solving skills, logical mindset, and a team player with excellent communication abilities.
- Committed to continuous learning and professional growth, ready to collaborate and contribute effectively to a dynamic work environment

## KEY SKILLS

- |   |                   |                          |
|---|-------------------|--------------------------|
| ▪ Java                                    | ▪ Web Development | ▪ Communication Skills   |
| ▪ Artificial Intelligence & Deep learning | ▪ SpringBoot      | ▪ Strong Problem-Solving |
| ▪ Data Analysis                           | ▪ IOT             | ▪ Statistical Analysis   |

**Technical Skill:** Java, Python, HTML, CSS, JS , SQL, Thymeleaf, 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
- Secured 10 Semester Grade Pointer Average in Engineering Mathematics – 1 and Basic Electrical Engineering in Semester 1
- Secured 10 Semester Grade Pointer Average in Engineering Mathematics – 3 and DBMS in Semester 3

## ACADEMIC CREDENTIALS

**B. Tech in Computer Engineering (Data Science) | 9.03 CGPA | Ramrao Adik Institute of Technology, DY Patil University.**

**2024**

**IELTS Academic Test | Overall band Score : 7.0**

**June 2024**

## EXPERIENCE

### 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 with Real time Analytics of CPMS data.
- Keyskills: 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 framework and OpenCV library, 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

### Fire & smoke detection system using GSM

- Designed an intelligent system to provide users with fire detection & instant alert capabilities, prioritizing safety, and rapid response.
- Used Arduino and Microcontrollers GSM with Smoke sensors for identifying indicators of both smoke and fire, enhancing safety measures.

## 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](#))