**Sakshi Trivedi**

**PROFILE**

Desire to redefine Aerospace and Defence Technology with Innovation and Engineering.

**EDUCATION**

* **M.Tech.** **Defence Technology**

**CGPA – 8.37 / 10 2021-2023**

Amrita Vishwa Vidyapeetham

* **B.Tech.** **Electronics Engineering**

**CGPA – 6.74 / 10 2015-2019**

K.J. Somaiya College of Engineering

* **Class 12** – 88.2% **2015**

Institution: Smt. Sulochanadevi Singhania School

* **Class 10** – 92.4% **2013**

Institution: Lok Puram School

**PROJECTS**

**B.Tech Final Year Project**

Raspberry Pi   
Python Coding   
IoT Implementation

**M.Tech Project**

AI in Avionics

Hyperspectral Imagery

**TECHNICAL SKILLS**

System Integration Testing   
SQL Debugging and Data Warehousing   
Wireless Technologies and Embedded Systems -Basics

Documentation, Technical and Creative Writing   
Research and Innovation Engineering

Military Engineering Systems

Warfare Simulation and Strategies

System Warfare Platforms

Radar Technology

Software Defined Radios

Tactical Battlefield Communication and Electronic Warfare

**CERTIFICATIONS**

* **EF General English Course**

EF level 13- Advanced- CEFR Level C1 (Issued December 2019)

* **Informatica Cloud Modernization, Data Governance and Privacy**

Data Catalog, Data Integration, Mass   
Ingestion, Cloud Data Warehouse and Cloud Data Lake, Cloud Data Quality and Data Governance, Data Democratization

**WORK EXPERIENCE**

**Project Intern- Master’s Thesis , Collins Aerospace, India, Bengaluru**

August 2022 – August 2023

➢Avionics Communication System   
➢Hardware-Software Integration and Testing   
➢Embedded Systems Introduction and Embedded C++ Flow Understanding   
➢Wireless communication protocol implementation and Wireless sensor network understanding

➢Beginner MATLAB coding and Simulink Modelling.

**BI Analyst, Capgemini India, Bengaluru**

October 2019- January 2021

**Senior Analyst, Capgemini India, Bengaluru**

January 2021- November 2021

➢Worked in Business Intelligence Unit under Insights and Data department   
➢Worked in **ETL Technology Informatica PowerCenter**, **Unix Scripting**, **SQL Querying** methodologies.

➢Ensured smooth process of Data Flow and fixing errors in Operations and Service Assurance Team for a Data Warehousing Project.

➢Interacted actively and collaborated on multiple issues with On-site Team-members.

➢Troubleshooting and fixingissues monthly related to Informatica workflows in Production and Lower- Environment   
➢Resolved **20+** recurring issues in production and catered to **50+** Service Tickets raised by clients, users and other teams for **data flow analysis, ETL performance enhancements** and data missing queries.

➢Received **appreciation** from manager for monitoring the jobs, diligently carrying out shift activities, email

➢**Rated 1** (on scale of 1-3, 1 being the highest) during Appraisal.

➢Awarded **Rising Star** Certificate during Q2 in June-2020 (for female category) for C Project.

➢**Bronze Star** certificate for completion of Sectorthon 2020

**Research Intern, Security and Scientific Technical Research Association (SASTRA), Rashtriya Raksha University, Gujarat**

February 2022- April 2022

➢Understanding of GIS (Geographical Information System), working on GIS application in military and national security.

➢Handling outreach and start-up portfolio management for Rashtriya Raksha University’s participation in DEFEXPO 2022.

➢Regular research and consolidation of news updates on Defence Technology.

➢Handling technical research team of students, social media outreach, logistical and administrative setup for

**RiiDL — Content Writer Executive**

August 2018 - September 2018

**Beepweep.com — Creative Content Editor**

October 2015 - November 2017

**Wanderwhale.com — Content Writer**

July 2019- October 2019

**ACHIEVEMENTS**

* **KJSCE Students’ Council**

Organising Committee Member- September 2017 - June 2018

* **Electronics Engineering Students Association**   
  **(EESA)**

Magazine Head and Editor (2017-18)

Joint Magazine Head and Junior Editor (2016-17)