

Satyam Anand

satyam.anand75@gmail.com | +91 7600869163 | E4, Sector 26, Noida 201301

GITHUB | LINKEDIN | HACKERRANK | PORTFOLIO

EDUCATION

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

BACHELORS OF TECHNOLOGY IN ELECTRONICS AND COMMUNICATION ENGINEERING

undefined: 7.9

Aug 2017 - Aug 2021

New Delhi, India

VANASTHALI PUBLIC SCHOOL

CBSE CLASS XII BOARD EXAM CERTIFICATE PCM

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May 2015 - May 2016

Delhi, India

SEVENTH DAY ADVENTIST HIGHER SECONDARY SCHOOL

ICSE CLASS X BOARD EXAM CERTIFICATE SCIENCE

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May 2013 - May 2014

Ahmedabad, India

EXPERIENCE

INDIAN AMATEUR ROCKET ASSOCIATION | ELECTRONICS ENGINEER

Remote | Sept 2021 – Present

Responsible for research and fabrication of solid rocket motor igniter

- Design and development of flight communication system

COGNIZANT | PROGRAMMER ANALYST TRAINEE

Noida, India | Nov 2021 – April 2022

Practical applications of data analytics using MySQL.

- Trained in overview of Software development life cycle.

STAR LABS | AVIONICS ENGINEER

Surat, India | Aug 2021 – Sept 2021

- Simulated microstrip patch antennae to operate in the free Indian ISM band using CST
- Augmented the gain of the antenna to 6dB and amplified the gain

AEROGRAM PVT LTD | EMBEDDED SYSTEMS INTERN

IIT Delhi | Feb 2020 – August 2020

Fabricated LoRa devices and communication gateway using ESP32 and RFM95 modules.

- Upgraded the LoRaWAN gateway and increased the range of communication from 400m to 1 km

ALMABETTER | DATA SCIENCE TRAINEE

Remote | June 2022 – Present

- Learning and application of tools in analytics and data science.
- Analysis of IMDB movie dataset using Numpy and Pandas

SKILLS

PROGRAMMING LANGUAGES Python, C, C++, Matlab

LIBRARIES/FRAWORKS NumPy, Pandas, Matplotlib, ReactJS, NodeJS, Data Structures, OOPs

TOOLS / PLATFORMS Tableau, Excel

DATABASES MySQL

PROJECTS / OPEN-SOURCE

CREDIT RISK ANALYSIS | [LINK](#)

NumPy, Pandas, R, Python, Data Analytics

Applied descriptive and predictive analytics to sort and predict customers who could be potential credit risks for banks.

PERSONAL PORTFOLIO WEBSITE | [LINK](#)

HTML, CSS, JavaScript, ReactJS

Created a portfolio website which is fully responsive across multiple devices

AVIONICS OF A STATIC TEST PAD | [LINK](#)

Autodesk Eagle, Matlab, C++

Design and experiment of the avionics system of a solid rocket motor static test pad

CERTIFICATIONS

- Web Development Training Certification - **INTERNSHALA**
- Python - **HACKERRANK**
- Python Basics - I - **ALMABETTER**
- Python Basics - II - **ALMABETTER**

HONORS & AWARDS

- First Position at ASISC-NWR Declamation competition 2013