# Tanmaysinh Gharia

Bachelor of Technology
Computer Science & Engineering

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GitHub Profile
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## EXPERIENCE

**•.Net Developer**                                                                                     *Jan, 2025 - Ongoing*

*Injala*

- Aim: Kinetic™ is a digital policy management software that seamlessly integrates the entire builder's risk policy process, enabling users to initiate projects, quote, bind policies, and issue certificates efficiently.
- It is built with .NET Core MVC and a 5-layer architecture to streamline the builder's risk policy process.
- Technologies Using: C#, .Net-core-MVC Framework, SQL, Git, Azure Devops, JQuery, JS, etc ..

**•Software Developer Engineer Intern**                                                          *May, 2024 - July, 2024*

*IAF- Indian Air Force*

- Aim: Aakash Missile Simulator (Base Model).
- Architected a Streamlit framework for real-time rendering and visualization of JSON datasets, supporting dynamic updates through an interactive GUI.
- Large-scale data handling with minimal configuration changes and instant data updates.
- Technologies Used: Python, JSON, Arduino IDE.

## EDUCATION

**•Bachelor of Technology in Computer Science and Engineering**                    *June, 2021- May, 2025*

*Institute of Technology, Nirma University*                                                          CGPA: 7.85

## PERSONAL PROJECTS

**•End-to-End E-Commerce Portal- SMART SELECTS** ↗

*A PHP-based e-commerce platform.*

- Implemented **Role-Based Access Control**: Admin, Vendor, Customer, Shipping Manager, and Delivery Agent.
- Configured database using **PhpMyAdmin**, applied **3rd Normal Form (3NF)** to minimize redundancies. Handled large CSV files using **asynchronous JavaScript functions** for efficient data processing.
- Ensured secure password storage and authentication with **MD5 hashing** to protect user privacy. Applied client & server side authentication to **prevent SQL injection attacks**. Provided **Captcha Protection** through image generation with the **GD library** in PHP.
- Technologies Used: PHP, MySQL, HTML, CSS, JavaScript.

**•Angry Bird Game** ↗

*A physics-based puzzle game with interactive multilevel gameplay*

- Implemented **accurate score calculation** based on the destruction of structures and the number of birds remaining.
- Integrated **cheat keys** including options for zero gravity, normal gravity, and back wall toggling.
- Configured game controls for a smooth user experience, including **pause**, **resume**, and **quit** functions.
- Technologies Used: Python, Pygame, Pymunk.

**•Excel & Power Point Automation** ↗

*A Python-based Automation Tool*

- Developed a Python script using **openpyxl** and **googletrans**, automating the processing and derivation of fields for 10,000+ data rows. It automatically generates up to 5,000+ slides from processed data in seconds.
- Reduced manual work by **40 hours/month** and enhanced data presentation quality by **20%**.
- Technologies Used: Python, Openpyxl, Googletrans, pptx

## TECHNICAL SKILLS

**Languages**: Python, C#, PHP, Javascript, JAVA, C
**Web Technologies** : HTML, CSS, Bootstrap, JQuery
**Frameworks** : .Net-core-MVC, ReactJS

**Dev Tools**: Git, Github
**Runtime Environment**: NodeJS
**Databases**: MongoDB, mySQL (Relational Database)

## ACHIEVEMENTS & CERTIFICATIONS

**Software Engineer Intern** - By HACKERRANK | 2024 ↗
**Python Developer** - By HACKERRANK | 2024 ↗
**Version Controll with Git** - By ATLASSIAN UNIVERSITY | 2024 ↗
**Foundations of Data Structures and Algorithms Specialization** - By University Of Colorado Boulder | 2024 ↗
**Problem Solving** - By HACKERRANK | 2023 ↗
Semifinalist - HACKNUTHON 3.0 | 2022
All Gujarat Rank:**175/118K** GUJCET | 2021
**LEETCODE: 2031 peak(TOP 3% Coders)**