Tanmaysinh Gharia

Bachelor of Technology
Computer Science & Engineering

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 GitHub Profile
✉ My Portfolio

EXPERIENCE

Backend Developer | ASP.Net Developer (2 yrs, 7 mos) *June, 2023 - Ongoing*
Injala

- **Team(Kinetic™)**– A policy management platform built with **.NET Core MVC** using a **5-layered architecture**.
- Core of the Product:
  - Integrated **JWT-based authentication using Access and Refresh Tokens** and **claims-based authorization**.
  - Utilized **Entity Framework Core**, **LINQ**, and **stored procedures** for optimized data handling.
  - Set up **CI/CD pipelines** in **Azure DevOps** with **unit test automation** and PR validation.
  - Developed **RESTful APIs** and tested using **Swagger**.
- Major Project – Email Module Migration & Logic Overhaul:
  - Led **high-priority Email Module migration** from Kinetic to the centralized InjalaOne platform, collaborating with **four Tech Leads and the most senior team member**.
  - Proposed a **well-documented migration approach, comparing the performance** after analyzing both systems.
  - **Data Migration** (messages, group chats, attachments, and dependencies) ensuring **zero data loss**.
- Infrastructure Enhancement: Migrated from **conventional file system** to **Cloud-Based Blob Storage**.

Software Developer Engineer Intern *May, 2024 - July, 2024*
IAF- Indian Air Force

- Aim: Aakash Missile Simulator (Base Model).

EDUCATION

- **Bachelor of Technology in Computer Science and Engineering** *June, 2019- May, 2023*
  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.

TECHNICAL SKILLS

Languages: Python, C#, PHP, Javascript, JAVA, C	**Dev Tools**: Git, Github
Web Technologies : HTML, CSS, Bootstrap, JQuery	**Runtime Environment**: NodeJS
Frameworks : .Net-core-MVC, ReactJS	**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