

Abhishek A. Tank

SOFTWARE ENGINEER AND AI ENTHUSIAST

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- **Objective:**

Dynamic engineer with a fervent dedication to Artificial Intelligence and Machine Learning. Possesses a solid mathematical background in calculus, statistics, and linear algebra, complemented by expertise in the Python programming language. Demonstrates adeptness in algorithms and data structures, with a keen focus on their practical implementation within AI and ML domains. Enthusiastic about leveraging engineering principles and analytical acumen to drive innovation in the ever-evolving field of AI and ML

- **Skill & abilities:**

- **Programming Languages:**

Proficient in C#, Golang and Python with a strong understanding of software development principles and best practices.

- **Frameworks:**

Experienced in .NET, React, and Flutter for building scalable and efficient applications.

- **Database Management:**

Experienced in working with MSSQL and MongoDB, including data modelling and query optimization.

- **Web Development:**

Competent in developing web applications using technologies such as Node.js, Entity Framework Core, and RESTful APIs.

- **Version Control:**

Proficient in utilizing Git and GitHub for version control and collaborative coding.

- **Problem-Solving:**

Strong problem-solving skills honed through years of software development, allowing for effective troubleshooting and innovative solutions.

- **Mathematical Aptitude:**

Possess a solid foundation in mathematics, enhancing the ability to analyse data, make data-driven decisions, and solve complex technical challenges.

- **Time Management:**

Effective time management skills to prioritize tasks, meet deadlines, and efficiently allocate time for various projects and responsibilities.

- **Experience:**

- **SCULPT SOFT PVT. LTD.**

- Associate Software Engineer | May 2023 – Sep 2023*

- I have gained familiarity with various aspects of software development, including the repository pattern, Unit of Work, JWT (JSON Web Tokens), EF Core, and various other aspects of web development and API-related topics.

- **Education:**

- **MARWADI UNIVERSITY**

- GUJRAT, INDIA | BT in Computer Engineer*

- Earned a 7.66 CGPA and completed relevant coursework in Web development, database management and software engineering.

- **Projects:**

- **Google lens:**

- Technologies Used: C, Arduino*

- Developed a simple one-eye prototype inspired by Google Lens.

- **Khabari:**

- Technologies Used: Java, HTML, CSS, SQL*

- A blogging website specifically for movies and web series reviews.

- **MIAI Browser Extension:**

- Technologies Used: JavaScript, HTML, CSS, JSON*

- I used the speech-to-text API
 - It can scroll, Zoom in and out web pages by voice commands.

- **Star Bird (Final year's project):**

- Technologies Used: C++, OpenGL, Pre-make*

- It's rendering engine which at as a game engine framework.

- **Your Chat:**

- Technologies Used: Flutter, Firebase*

- I used Cupertino UI components to establish connections I used the Firebase authentication service and NoSQL Database.

- **School management system:**

- Technologies Used: ASP.NET, EF Core, C#*

- It's 3 role base system which handles the things like marksheet, assailment's and courses.

- **Certifications:**

- **C Completion of training** by Spoken tutorial (04/2019)

- **Introduction to packet tracer** by CISCO (09/2019)

- **Java programming: Solving problems with software** by Duke university (08/2020)

- **Innovation and emerging technology: Bre disruptive** by Macquarie university (08/2020)

- **Introduction to cybersecurity** by CISCO (05/2021)

- **Communication:**

Proficient in *Hindi* and *Gujarati*, with the ability to effectively communicate and connect with individuals in these languages. Additionally, I possess functional *English*

communication skills, allowing me to engage with colleagues and complete tasks requiring English language proficiency. Furthermore, I have basic proficiency in *Japanese (日本語)*, enabling me to understand and communicate simple conversations in the language.

- **Reference:**

- **Vishal Prajapati**

Project Manager | Sculpt Soft | 9714-595-601

- **Nilesh Kumar Sahu**

Professor | Marwadi University | 8789-093-048