

# Shivam

## Software Developer

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### PROFILE

Software Developer with a strong foundation in Data Science and over a year of experience as a Data Analyst at Deloitte. Certified Data Scientist from IIT-M, bringing hands-on expertise in Machine Learning, NLP, and Generative AI. Adept at building data-driven solutions and now transitioning into software development to design and implement scalable applications. Passionate about continuous learning, problem-solving, and leveraging both analytical and coding skills to build impactful technology solutions.

### SKILLS

**Programming Languages:** JavaScript, TypeScript, Python

**Frameworks:** Node.js, Express.js, Angular, React.js, HTML, CSS

**Tools:** GIT, GitHub, AWS, Excel

**Databases:** MongoDB, MySQL

### PROJECTS

#### Quiz App

*Key Skills: HTML, CSS, JavaScript*

- Built an interactive quiz app providing users with multiple-choice questions and instant feedback on their answers.
- Designed and implemented logic to handle quiz progression, validate user responses, and display results, incorporating features to manage question difficulty and track user performance.
- Enhanced the user interface with responsive design and dynamic question rendering, ensuring a smooth and engaging experience across various devices.

#### Build a Content Management System

*Key Skills: HTML, CSS, JavaScript, React*

- Developed a fully-functional CMS using React, focusing on user-friendly content management and intuitive design.
- Utilized HTML, CSS, and React component lifecycle to create a robust platform.
- Implemented features for content management allowing users to create, update, and delete content, as well as manage other users, ensuring a flexible and scalable system.

#### Task Management API

*Key Skills: Node.js, Express, MongoDB*

- Description:** Created a RESTful API for a task management application that supports task creation, updates, deletions, and user-specific task management.
- Provided endpoints for CRUD operations on tasks, including assignment of due dates and priority levels.
- Enabled data filtering and sorting for task retrieval based on various criteria such as status and deadlines.

### PROFESSIONAL EXPERIENCE

#### Data Analyst

*Deloitte*

June 2022 – July 2023 | Bengaluru

- Led the end-to-end creation and testing process for System Integration Testing (SIT) of ETL pipelines, ensuring seamless data flow and accuracy across 100+ files.
- Achieved **100%** Success Rate in Unit Testing: Conducted rigorous unit testing procedures resulting in a flawless performance across all developed modules and lambda jobs.
- Fine-tuned transformer models using Hugging Face's state-of-the-art NLP frameworks, achieving an average improvement of **15%** in accuracy across various NLP tasks.
- Engineered Custom Prompts for Generative AI: Engineered custom prompts tailored to specific use cases, resulting in a **20%** improvement in model performance.

### EDUCATION

**IIT-M Advanced Programming Professional & Master Data Science**

*IIT-M GUVI*

Oct 2023 – Feb 2024 | Chennai

**Bachelor of Technology**

*NIT Sikkim*

May 2018 – May 2022 | Sikkim

### CERTIFICATIONS

- Data Scientist
- AWS Certified Developer Associate