

# Dinesh Godhani

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## EDUCATION

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### Governors State University

*M.S., Computer Science*

Dec, 2024

*University Park, IL*

- Cumulative GPA: 3.71/4.00
- Relevant Coursework: Internet Programming, Advanced Database Concepts, Planning Mgmt Software Proj, Advanced OS, Big Data Analysis, Scripting Languages.

### Gujarat University

*B.A., Computer Application*

May, 2022

*Ahmedabad, GJ*

- Cumulative GPA: 7.05/10.00
- Relevant Coursework: Internet Programming, Advanced Database Concepts, Planning Mgmt Software Proj, Advanced OS, Big Data Analysis, Scripting Languages.

## WORK EXPERIENCE

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### Appgenix Infotech

*Software Developer*

April 2021 – May 2022

*Surat, GJ*

- Developed featured product detail pages for a car rental platform, presenting attributes like price, model, and specifications to boost user engagement and conversions.
  - Improved data processing efficiency by integrating cloud-based storage solutions, leading to a 20% increase in data retrieval speeds.
- Implemented core functionality and managed data flow using Python and Django, supporting modular code and optimized workflow processes.
- Leveraged Django's MVC structure to build scalable applications, adhering to Object-Oriented Programming principles for enhanced code reusability and maintainability.
- Integrated APIs to deliver personalized user recommendations and developed a user-friendly admin panel for managing content and curator-driven suggestions.
- Improved website load times and back-end processes, resulting in a notable reduction in page load delays, thus increasing conversion rates.
- Collaborated with the product team to understand their requirements and tailor-made solutions that increased product functionality by 25%.
- Developed and maintained cloud-based data storage solutions using Google Cloud Storage, implementing efficient data management practices that ensured reliable and high-performance operations for large datasets.
- Identified and resolved key bugs and technical challenges, collaborating with engineering teams to uphold application reliability and performance.

## PROJECTS, SKILLS & INTERESTS

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- **Projects:**
  - **AI-Powered Data Query & Analysis Tool:** Developed a natural language interface using Google Cloud BigQuery and Gemini API to convert user queries into SQL, enabling efficient data retrieval from the Hacker News dataset. Implemented AI-powered post analysis by fetching content via post ID, providing in-depth insights and enhancing user decision-making capabilities.
  - **Personal Blogging System:** Designed and deployed a blogging platform in Django, allowing users to register, create profiles, and post content. Implemented secure user authentication and password reset functionality via email, ensuring a smooth and secure login process. Enhanced user interface with Bootstrap, resulting in an intuitive and accessible design that increased engagement.
  - **YouTube Clone:** Built a YouTube-like platform using Django, allowing users to post, view, like, share, download, and comment on videos. Designed a custom admin panel with Django-Jazzmin for data export and report generation, streamlining admin tasks and enhancing efficiency. Structured the project across four Django applications with a Models-Views-Templates (MVT) pattern and Function-Based Views.
  - **Social Media Platform:** Developed a Twitter clone with user authentication, enabling users to create accounts, post/edit tweets, like, share tweets, follow/unfollow users, and search tweets and profiles. Built using Django for backend operations and Bootstrap 4 for front-end design, ensuring a responsive and modern use interface.
- **Skills:** Programming in C, C++, Python, HTML5, CSS, JavaScript, and TypeScript; skilled in SQLite3, MySQL, SQL Server, PostgreSQL; proficient with Django, Flask, and libraries like NumPy, SciPy, TensorFlow, YOLO, SQLAlchemy; experienced with Nginx, Docker, Git, GitHub, GitLab, Postman, Visual Studio Code, Jupyter Notebook, Google Colab; knowledgeable in REST APIs, JSON, HTTP, XML, and authentication.
- **Interests:** comedy; weightlifting; music; traveling;