

PRIYANSH DINESHBHAI SUTHAR

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EDUCATION

University of Texas at Dallas TX, USA

January 2022 - December 2023

Master of Science in Computer Science

Gujarat Technological University GJ, India

August 2017 - May 2021

Bachelor of Engineering in Computer Engineering

EXPERIENCE

Software Developer | Debian Systems Inc. | Dallas, TX (Remote)

March 2024 - Present

- Participated in all phases of the Software Development Life Cycle (SDLC), from requirements gathering and analysis to design, development, testing, implementation, and production support, contributing to the successful delivery of over 6 applications.
- Developed and optimized T-SQL queries, stored procedures, and functions to manage large datasets, improving query performance and database efficiency.
- Reverse-engineered existing SQL code and data flow to identify logic inconsistencies and improve system functionality.
- Analyzed query performance and implemented optimizations such as indexing strategies and execution plan tuning, improving response times by 11%.
- Worked on web application development using ASP.NET (MVC & Web Forms), C#, and front-end technologies to enhance system features.
- Designed, built, and deployed web applications leveraging the Microsoft .NET framework and Azure services, focusing on scalability, security, and performance optimization for cloud-based solutions.

Full Stack Developer | the MAD | India

March 2021 – December 2021

- Gathered and analyzed requirements, designed business logic, implemented unit testing, and maintained applications, improving system efficiency by 25%.
- Assisted in migrating 3+ legacy applications to modern frameworks, reducing deployment time by 16% and enhancing maintainability.
- Deployed and managed 8+ containerized applications, optimizing system performance and increasing scalability.
- Implemented authentication mechanisms, improving security by 35% and reducing unauthorized access attempts.
- Developed dashboards to monitor 40+ production APIs, achieving a 30% improvement in response time and issue resolution.
- Assisted in managing CI/CD pipelines, cutting deployment time by 35% and ensuring zero downtime for critical applications.
- Worked with cloud-based deployment strategies, maintaining 99.8% application availability and seamless infrastructure integration.

PROJECTS

UTD Superstore | Academic Project

August 2023 – December 2023

- Spearheaded the development of a scalable e-commerce website, achieving a 25% increase in product sales within the first quarter.
- Engineered a custom web scraping solution using Python to automate product data collection from multiple vendors, ensuring comprehensive product offerings and competitive pricing.
- Implemented a secure payment gateway (Stripe), user authentication system, and order management module to streamline transactions and enhance user experience.
- Optimized website performance through image compression, caching, and code minification, resulting in a 15% decrease in page load times.
- Leveraged React for the frontend, Node.js (Express) for the backend, and MongoDB as the database to build a responsive and efficient platform.

Key to Safety | Academic Project

January 2021 - May 2021

- Developed a web application for e-shopping and price comparison across multiple platforms, improving user shopping efficiency.
- Utilized .NET Model View Controller (MVC) for frontend development to provide an intuitive user interface.
- Integrated PHP for backend development, ensuring efficient data handling and dynamic content delivery.
- Designed and implemented a MySQL database to manage product data, pricing, and user transactions, optimizing performance for scalability.
- Incorporated web scraping techniques to collect pricing data from various online stores, enhancing product comparison accuracy.
- Developed Android app functionality to complement the web application, allowing users to access e-shopping features on mobile devices.
- Integrated .NET Core for backend services, enhancing system performance and flexibility.

SKILLS

Programming Languages & Databases: HTML, CSS, PHP, Java, C#, .NET Core, Scala, SQL, PL/SQL, T-SQL, MySQL, MongoDB, Python

Web Technologies & Frameworks: ASP.NET (MVC & Web Forms), Servlets, JSP, HTML5, CSS3, JQuery, JSON, JavaScript, JDBC, React, Node.js (Express), Bootstrap, Stripe, Web Scraping

Tools: Eclipse, PyCharm, VSC, Maven, Docker, Jenkins (CI/CD Tools), Git, VS Code, Postman, Unity

Operating Systems & Methodologies: Windows, Linux, Agile (Scrum), Waterfall

CERTIFICATIONS

- Certified Generative AI Expert