

SASIDHAR CHILAKA

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EDUCATION

University of Cincinnati
B.S in Informational Technology | GPA : 3.3

Cincinnati, OH
Graduation date: April 2026

PROJECTS

API Development for CRUD Operations

Technologies: .NET Core, C#, Entity Framework Core, SQL Server

- Developed a RESTful API with CRUD functionality, enabling seamless management of team member data, hobbies, favorite foods, and seasons.
- Designed and implemented a scalable database schema using Entity Framework Core, applying code-first migrations to create and maintain tables.
- Created and tested multiple API endpoints, enhancing data retrieval and management efficiency.
- Collaborated with a team of 4 members to deliver a robust solution within project timelines, ensuring high code quality and performance.

Responsive Fashion Website Development

- Developed a responsive fashion website with eight HTML5 pages and a modular CSS3 stylesheet, focusing on a modern and aesthetic design.
- Implemented a user-centered UI/UX design, including intuitive navigation and interactive elements, enhancing user engagement and accessibility.
- Created detailed wireframes and interactive prototypes to visualize and refine layout and functionality, leading to a seamless and engaging user experience.
- Applied responsive design principles and media queries to ensure the website's adaptability across various devices and screen sizes, from mobile phones to desktop monitors.

Fundamentals of Info Tech Team Business Analyst Fall

- Developed the JARVIS app, a task reminder application designed to address household management needs, enhancing user productivity and organization.
- Designed and implemented a companion website with eight HTML5 pages and a CSS3 stylesheet, ensuring all pages passed W3C validation.
- Applied analytical skills to gather requirements and assess user needs, contributing to the development of features that improve task management and user experience.
- Utilized best practices in web development, including clean code organization and responsive design principles, to ensure optimal performance across various devices and screen sizes.

SKILLS

Programming Languages: Java, C#, JavaScript, SQL, HTML/CSS

Development Tools: Git, Docker, Jenkins, Kubernetes, Visual Studio Code, Eclipse

Networking: IPv4/IPv6, DHCP, DNS, NAT, PKI, VLANs, routing, firewalls, IDS, VPN

Languages: English, Hindi, Telugu, Tamil, French (Novice)

CERTIFICATIONS

Google Data Analytics Professional Certificate - Issued by Google

Completed a program with eight courses and hands-on assessments, preparing for entry-level Data Analytics roles. Proficient in spreadsheets, SQL, Tableau, and R, with skills in data preparation, analysis, and visualization.

Explore a Career in SQL Development - LinkedIn Learning

Gained proficiency in PostgreSQL, MySQL, MongoDB, and cloud-based databases like AWS and Google Cloud Platform. Covered SQL basics, including query syntax, data retrieval, and advanced SQL techniques with hands-on coding practice and real-world business problem-solving.

Learn Adobe Photoshop, InDesign, and Illustrator - LinkedIn Learning

Gained proficiency in Photoshop (layers, retouching), InDesign (layout, interactive documents), and Illustrator (vector graphics, text editing) through hands-on projects.

HONORS AND AWARDS

Dean's List Spring Semester 2021

- Achieved Dean's List recognition for exceptional academic performance during the Spring semester.
- Dean's List Fall Semester 2024
- Achieved Dean's List recognition for exceptional academic performance during the Spring semester.
- \$5000 Achieved the UC Scholarship for outstanding academic excellence, demonstrating a strong commitment to educational success.