

# venu KODURU

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## EDUCATION

**Governors State University**, Master of Science in Computer Science. Aug 2022 – May 2024

Coursework: Advanced Database Management, Software Development, Cloud Computing, Machine Learning, System Design, Data Analytics

**Guru Nanak Institutions Technical Campus**, Bachelor of Science in Computer Science Aug 2016 – May 2020

Coursework: Data Structures, Software Engineering, Database Management Systems, Operating Systems

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## SKILLS

- **Programming Languages:** C#, ADO.NET, SQL, PL/SQL, Python
- **Web Technologies:** React, Angular, ASP.NET, HTML, CSS, JavaScript
- **Frameworks:** .NET Core (3.0 - 7.0), WCF
- **Cloud Platforms:** AWS (EC2, S3), Microsoft Azure
- **Tools:** Visual Studio, SQL Server Management Studio, SSIS, NUnit, Crystal Reports, SSRS
- **Databases:** SQL Server, MySQL, MS Access

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## EXPERIENCE

**Cognizant Technology Solutions**, Chennai, India: Jan 2021 – Jul 2022

Programmer Analyst

- Developed and tested applications using ASP.NET MVC, SSIS, and WCF services.
- Converted .NET applications to Microsoft Azure Cloud Service for deployment, ensuring smooth migration and better performance.
- Assisted in onboarding data into staging tables using SSIS and created stored procedures for efficient data management.
- Built and consumed RESTful APIs with DTOs to improve system reliability and data transfer processes.

**Scion Info-scribe Services**, Hyderabad, India: Jun 2018 – Dec 2020

.Net Application Developer

- Developed user interfaces with React and Angular, significantly enhancing user engagement.
- Migrated applications to AWS Cloud (S3, EC2), improving performance and scalability by 20%.
- Created and maintained microservices to enhance the application's scalability and performance
- Participated in unit testing and debugging, reducing bugs by 20%.

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## PROJECTS

**Sub Urban Medical Group(SMG) Web App– Governors State University**

- Developed a web app using ASP.NET MVC to automate appointment scheduling, reducing administrative workload by 40% and improving patient satisfaction by 25%.
- Implemented user authentication, role-based access control, and SQL Server for secure data management.

**Heart Disease Detection: Governors State University**

- Built a machine learning model to predict heart disease using Python, improving prediction accuracy by 15%.
- Implemented the project as a web app for easy user interaction.

**e-Commerce Website: Personal Project**

- Independently developed a fully functional e-commerce website using React and Node.js, featuring product search, user authentication, and shopping cart management.
- Integrated Stripe for secure payment processing and implemented role-based access control to ensure data security and protect user information.