

# MANAN PATEL

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## OBJECTIVE

Motivated Computer Science graduate student with hands-on experience in .NET, Python, data engineering, and software development. Skilled in programming, systems analysis, and emerging technologies such as blockchain and big data. Seeking opportunities to apply technical expertise in real-world IT environments and contribute to innovative solutions.

## EDUCATION

<b>Master of science in computer science</b> <b>University of Texas at Arlington</b> <b>Relevant Coursework:</b> Cloud data analytics, Software Engineering, Mobile App Development	<b>2025-present</b>
<b>BS in Information Technology (GPA 3.41)</b> <b>A.D.Patel Institute of Technology</b> <b>In-depth study in C, Java, SQL, Web Development (HTML, CSS, JS, WordPress)</b>	<b>2021-2025</b>

## SKILLS

<b>Programming &amp; Automation</b>	Java, Python, R , SQL, HTML/CSS
<b>Cloud &amp; Virtualization</b>	Microsoft Azure, OneDrive, SharePoint
<b>Database Management</b>	SQL and NoSQL database management
<b>Big data processing</b>	Hadoop, Spark
<b>Data analytics tools</b>	Tableau, Power BI
<b>Soft Skills</b>	Effective communication and teamwork in technical projects
<b>Tools</b>	Git, GitHub, VS Code, Android Studio, Oracle DB Tools

## EXPERIENCE

<b>.NET Intern</b> Net Galaxy	Dec 2024 – April 2025 <i>Anand, India</i>
<ul style="list-style-type: none"><li>Developed applications with .NET framework, following secure coding practices.</li><li>Assisted in project estimations by calculating timelines and task requirements.</li><li>Automated manual work ows with scripts, improving team productivity by 20%</li></ul>	

<b>Software Development Intern</b> Tatvasoft	May 2024 – June 2024 <i>Ahmedabad, India</i>
<ul style="list-style-type: none"><li>Supported software development activities including debugging and feature enhancement.</li><li>Collaborated with senior developers on projects, improving code quality and performance.</li></ul>	

<b>Teaching Assistant</b> Aris Overseas	Dec 2024 – Jul 2025 <i>Anand, India</i>
<ul style="list-style-type: none"><li>Assisted in tutoring, grading assignments, and providing constructive feedback.</li><li>Supported classroom instruction and organized academic materials.</li><li>Provided one-on-one academic support, improving overall student performance.</li></ul>	

## PROJECTS

<b>E-Challan Automation with GPS (SIH Hackathon Project)</b> Developed an Arduino Uno and GPS-based solution with SMS notifications for automated challans on speed violations.	<i>Raspberry pi, HTML, CSS</i>
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## **Relational Database for Topgolf-Style Management System**

*Data modeling, SQL, Oracle*

Led a multi-phase project to design and implement a production-ready SQL venue management database supporting bookings, bays, memberships, payments, and analytics.

Built an EER diagram and fully normalized schema with keys, constraints, and indexes for performance.

Loaded 1000+ realistic records and wrote advanced SQL (window functions, CTEs, multi-joins) for revenue, capacity, and customer insight reports.

## **AKM Car Rental Website**

*HTML, CSS, Php*

Built a full-stack rental platform using HTML/CSS (frontend) and PHP (backend) with features like car booking and online payments.

## **LEADERSHIP & EXTRACURRICULAR**

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**Sports Secretary and Co-Originator of Shaheed House, CVM University.**

**State-level Winner: Kabaddi, Cricket, Yoga, Powerlifting.**

**National-level Competitions: Yoga (Anna University, Chennai), Aquatics (SRM University, Chennai).**

## **CERTIFICATES**

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- Data Transformation in the Cloud, Introduction to Data Analytics in Google Cloud, Data Management and Storage in the Cloud by GOOGLE
- Blockchain Specialization University at Buffalo (Coursera)
- Smart Contracts by University at Buffalo, The State University of New York
- Decentralized Applications (Dapps) by University at Buffalo, The State University of New York
- Cryptography & Hashing UC Irvine (Coursera)
- Big Data with Spark & Hadoop IBM (Coursera)
- Data Engineering with Hadoop, Spark & Snowflake Duke University (Coursera)
- Machine Learning with Python IBM (Coursera)
- Programming in Python Meta (Coursera)
- Software Testing Foundations(Coursera)
- Mathematical Foundations for Cryptography(Coursera)