

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

Master of science in computer science **2025-present**
University of Texas at Arlington
Relevant Coursework: Cloud data analytics, Software Engineering, Mobile App Development

BS in Information Technology (GPA 3.41) **2021-2025**
A.D.Patel Institute of Technology
In-depth study in C, Java, SQL, Web Development (HTML, CSS, JS, WordPress)

SKILLS

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

EXPERIENCE

.NET Intern **Dec 2024 – April 2025**
Net Galaxy *Anand, India*

- Developed applications with .NET framework, following secure coding practices.
- Assisted in project estimations by calculating timelines and task requirements.
- Automated manual work ows with scripts, improving team productivity by 20

Software Development Intern **May 2024 – June 2024**
Tatvasoft *Ahmedabad, India*

- Supported software development activities including debugging and feature enhancement.
- Collaborated with senior developers on projects, improving code quality and performance.

Teaching Assistant **Dec 2024 – Jul 2025**
Aris Overseas *Anand, India*

- Assisted in tutoring, grading assignments, and providing constructive feedback.
- Supported classroom instruction and organized academic materials.
- Provided one-on-one academic support, improving overall student performance.

PROJECTS

E-Challan Automation with GPS (SIH Hackathon Project) *Raspberry pi, HTML, CSS*
Developed an Arduino Uno and GPS-based solution with SMS notications for automated challans on speed violations.

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

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

- 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)