# Dhruvi Patel

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## Profile Summary

Detail-oriented Python Developer with hands-on experience in backend development, RESTful API design, and database architecture. Proven ability to build secure, production-ready applications with strong authentication and authorization systems. Eager to leverage problem-solving skills and technical expertise to create innovative solutions in dynamic development environments.

## Experience

**XMATIQ Technologies**                                January 2025 – Present
*Python Intern*                                           *Ahmedabad, Gujarat*

- Developing backend API integration with PostgreSQL, focusing on scalable and efficient solutions for production-level applications
- Implementing RESTful APIs and database connectivity following industry best practices

**Q Spiders**                                          June 2024 – December 2024
*Python Full Stack Developer Intern*                         *Ahmedabad, Gujarat*

- Built full-stack web applications using Django framework with SQL database integration and responsive design
- Developed responsive front-end interfaces using HTML, CSS, and JavaScript for enhanced user experience
- Implemented user authentication, session management, and complete CRUD operations for various modules

**Infividya Pvt. Ltd.**                                   January 2023 – June 2023
*Machine Learning Trainee*                                    *Ahmedabad, Gujarat*

- Implemented machine learning models for data-driven projects and developed predictive analytics solutions
- Utilized Python libraries for comprehensive data preprocessing, model training, and performance evaluation

## Projects

**Employee Management System | FastAPI, PostgreSQL, SQLAlchemy, JWT**

- Designed and implemented a comprehensive employee management system with secure JWT token-based authentication and cookie-based sessions
- Utilized SQLAlchemy ORM for efficient database querying and relational data handling in PostgreSQL
- Developed RESTful API endpoints for employee CRUD operations, attendance tracking, and authentication
- Implemented Pydantic models for strict data validation, serialization, and type safety across all endpoints
- Managed role-based access control and protected routes ensuring secure and restricted data access

**E-Commerce Website | Django, SQL, HTML, CSS, JavaScript**

- Developed a fully functional e-commerce web application enabling product browsing and secure ordering capabilities
- Implemented user authentication, shopping cart functionality, and comprehensive order management system
- Built comprehensive admin dashboard for inventory management and order tracking

## Technical Skills

**Languages:** Python, SQL, JavaScript, HTML, CSS

**Frameworks & Libraries:** FastAPI, Django, SQLAlchemy, Pydantic

**Databases:** PostgreSQL, MySQL

**Tools & Technologies:** Git, Postman, Swagger UI, JWT Authentication

**Core Competencies:** RESTful API Development, OOP, Database Design, CRUD Operations, Data Validation

## Certifications

**Comprehensive Course in Machine Learning, IoT, and Deep Learning** — Code Unnati Edunet Foundation (SAP Collaboration)

**Power BI Tools and SAP Cloud Analytics** — Code Unnati, Powered by SAP

## Education

**Ahmedabad Institute of Technology**                                        Ahmedabad, Gujarat
*Bachelor of Information Technology, CGPI: 8.39*                                        *Expected 2025*

**Vijaynagar High School**                                        Ahmedabad, Gujarat
*XII Standard*                                        *Passed Out: 2021*