



creative
PORTFOLIO

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Welcome to my portfolio. This document provides a comprehensive overview of my professional journey, skills, and significant projects within the field of Web Developer and Cybersecurity. Please explore the sections to gain a complete understanding of my capabilities.

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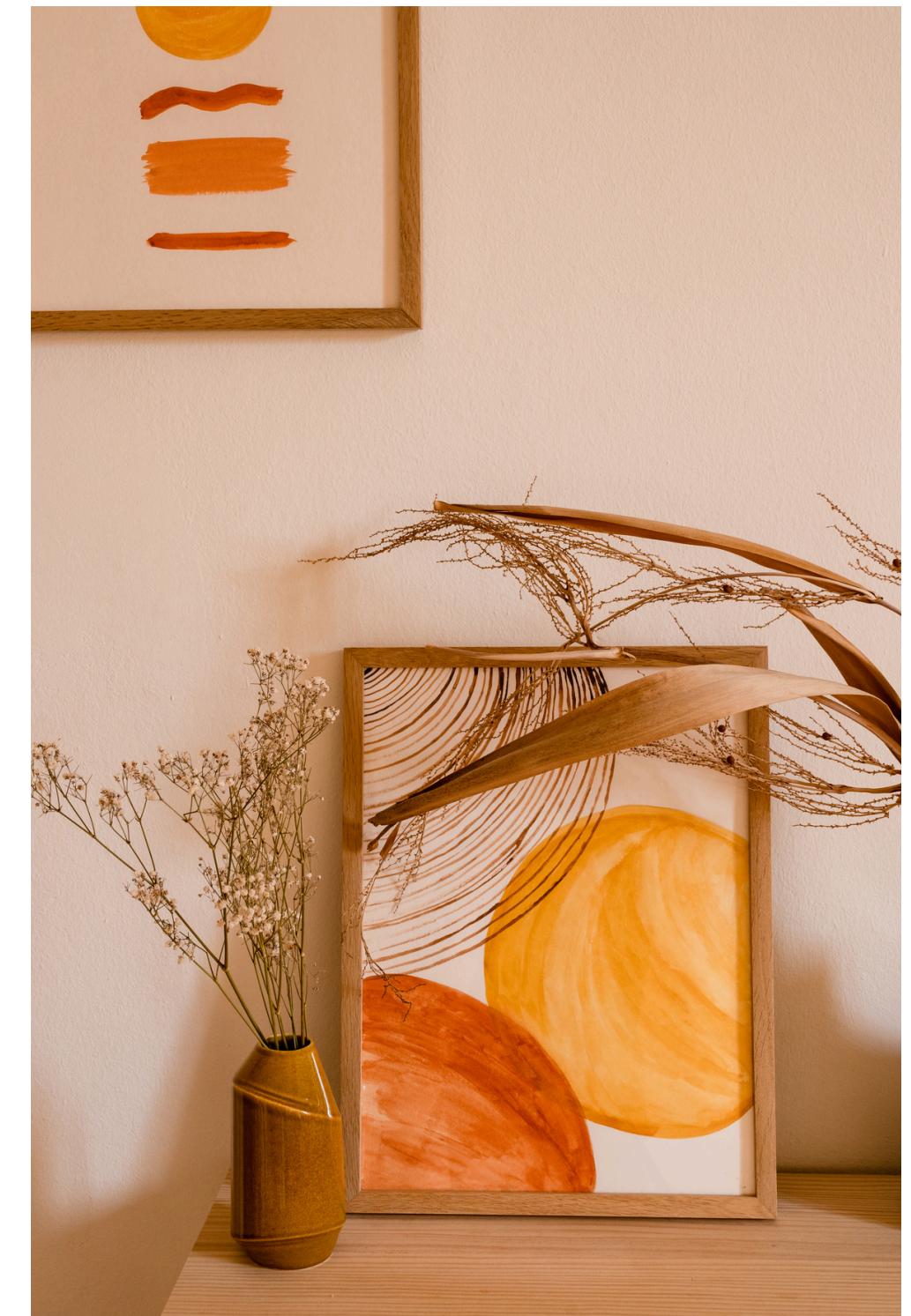
introducing **ABOUT ME**

A proactive and enthusiastic 4th-semester Information Technology student with a strong interest in software development and cybersecurity. Possesses conceptual understanding and hands-on experience in Operating Systems, dataset analysis using Python, and database management with MySQL, seeking to apply these skills in a dynamic technology environment.



VISION

I believe that technology is the bridge to a better future. With a focus on cybersecurity and software development, I am committed to creating solutions that are not only innovative but also secure and sustainable. Every project I undertake is a step towards a deeper understanding of how technology can positively impact society.



personal SKILLS

Below are several key projects that demonstrate my capabilities across various technology domains. From managing databases to analyzing security vulnerabilities, each work is tangible proof of applying theory into practice



Database Management



Cybersecurity Analysis



Data Analysis with Python



Algorithm Implementation

EDUCATION

My academic journey at Institut Teknologi Sepuluh Nopember is focused on building a strong foundation in Information Technology. I am actively engaged in coursework covering software development, database systems, and cybersecurity, and I am honored to be a recipient of the Beasiswa Santri Berprestasi scholarship.

**2019-2022
High School Diploma**

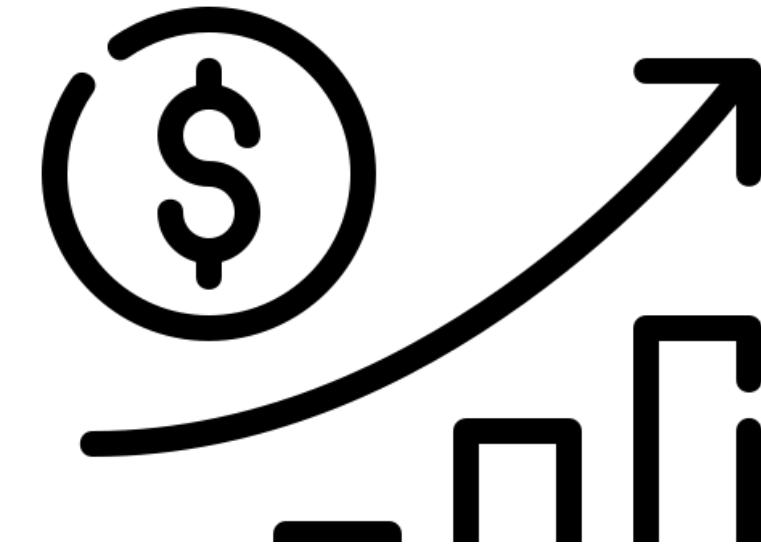
**MA Madarijul Huda Majoring in
Natural Sciences (MIPA)**

**2023 - 2027 (Expected)
Bachelor of Information Technology**

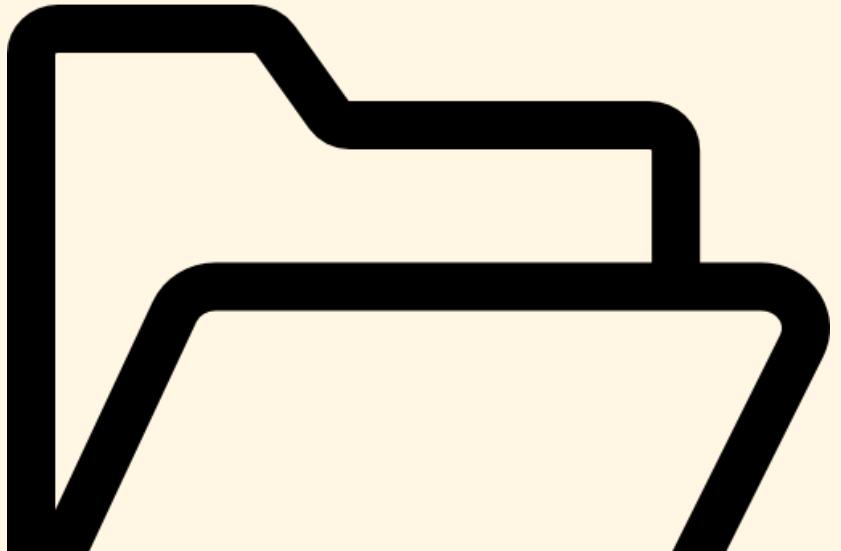
**Institut Teknologi Sepuluh Nopember
(ITS)
Specializing in Software Development
and Cybersecurity**

wolf **EXPERIENCE**

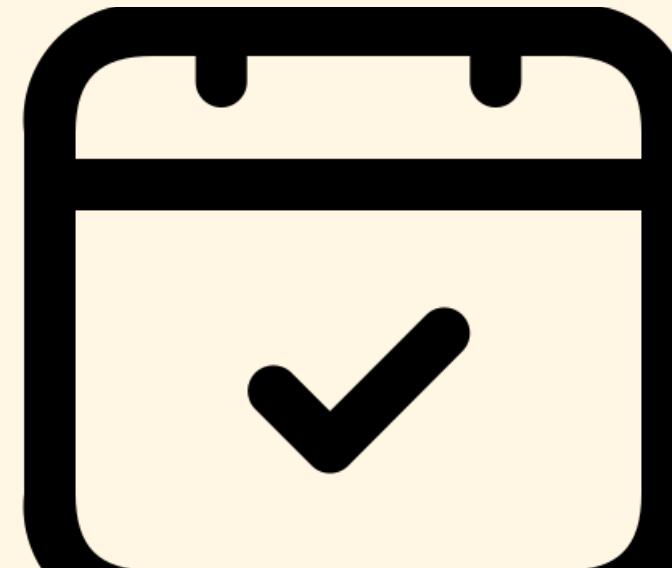
Beyond my technical projects, I have developed strong organizational and financial management skills through my leadership roles. These experiences have taught me the importance of accuracy, clear communication, and data-driven decision-making — qualities I apply to both my administrative duties and my technology work.



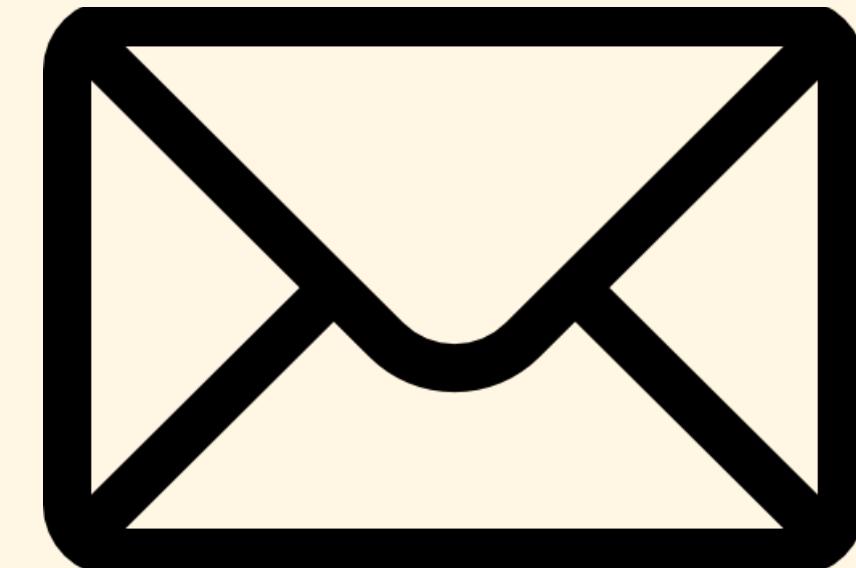
Financial Management



Documentation & Reporting



Event Coordination



Stakeholder Communication

project **PORTFOLIO**

This section showcases my hands-on technical abilities. Each project represents a practical application of my skills in key areas of Information Technology, from database design and data analysis to cybersecurity and algorithm implementation.

01

Network Vulnerability

Identified 5+ network vulnerabilities using Nmap and Wireshark, and authored a report with actionable mitigation strategies.

02

Online Bookstore Database

Designed and implemented a normalized relational database in MySQL, improving data retrieval efficiency with complex queries.

03

Sales Data Analysis

Analyzed a 10k+ row dataset, improving data quality by 25% and identifying a 15% sales increase trend using Pandas and Matplotlib.

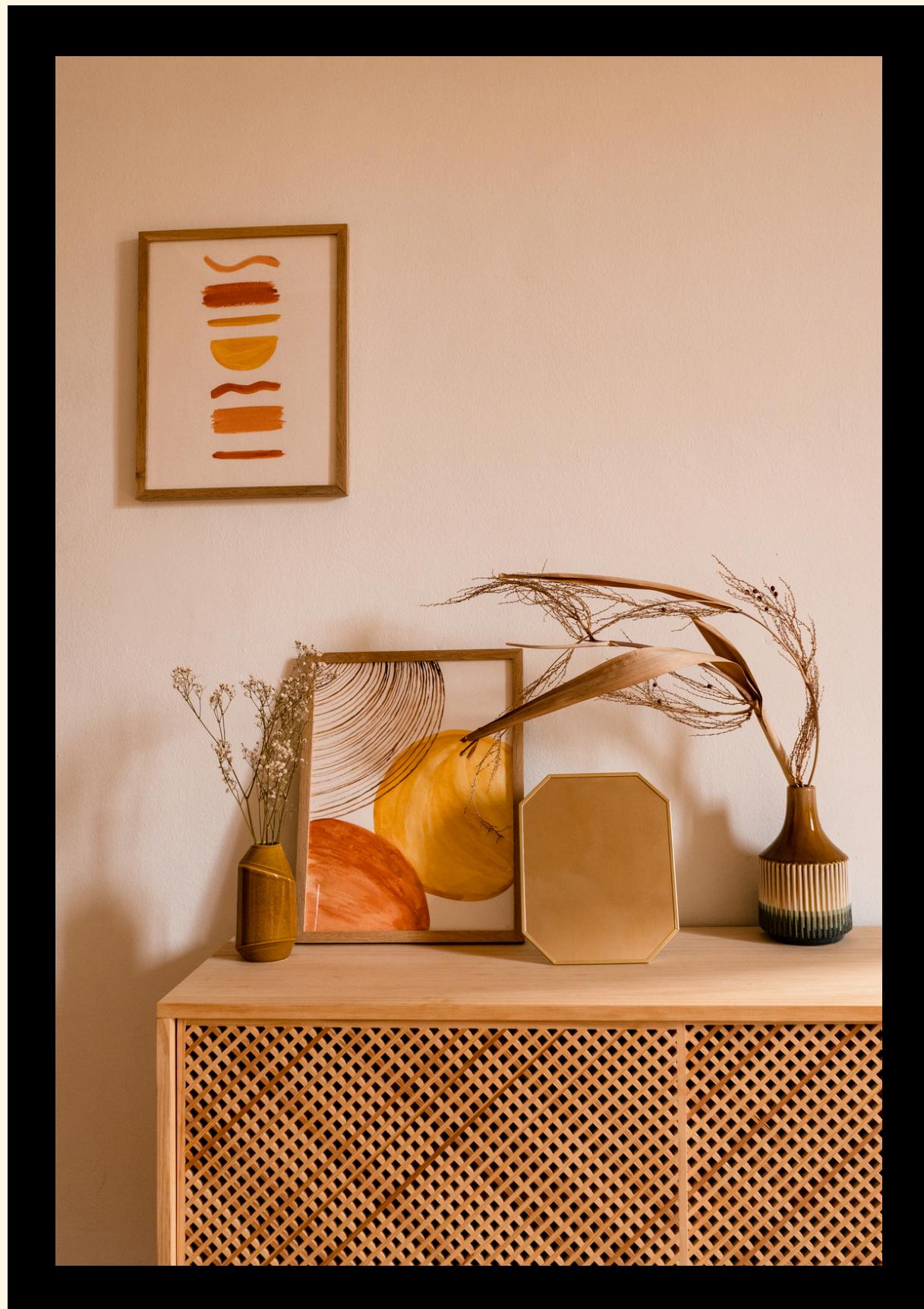
NETWORK VULNERABILITY

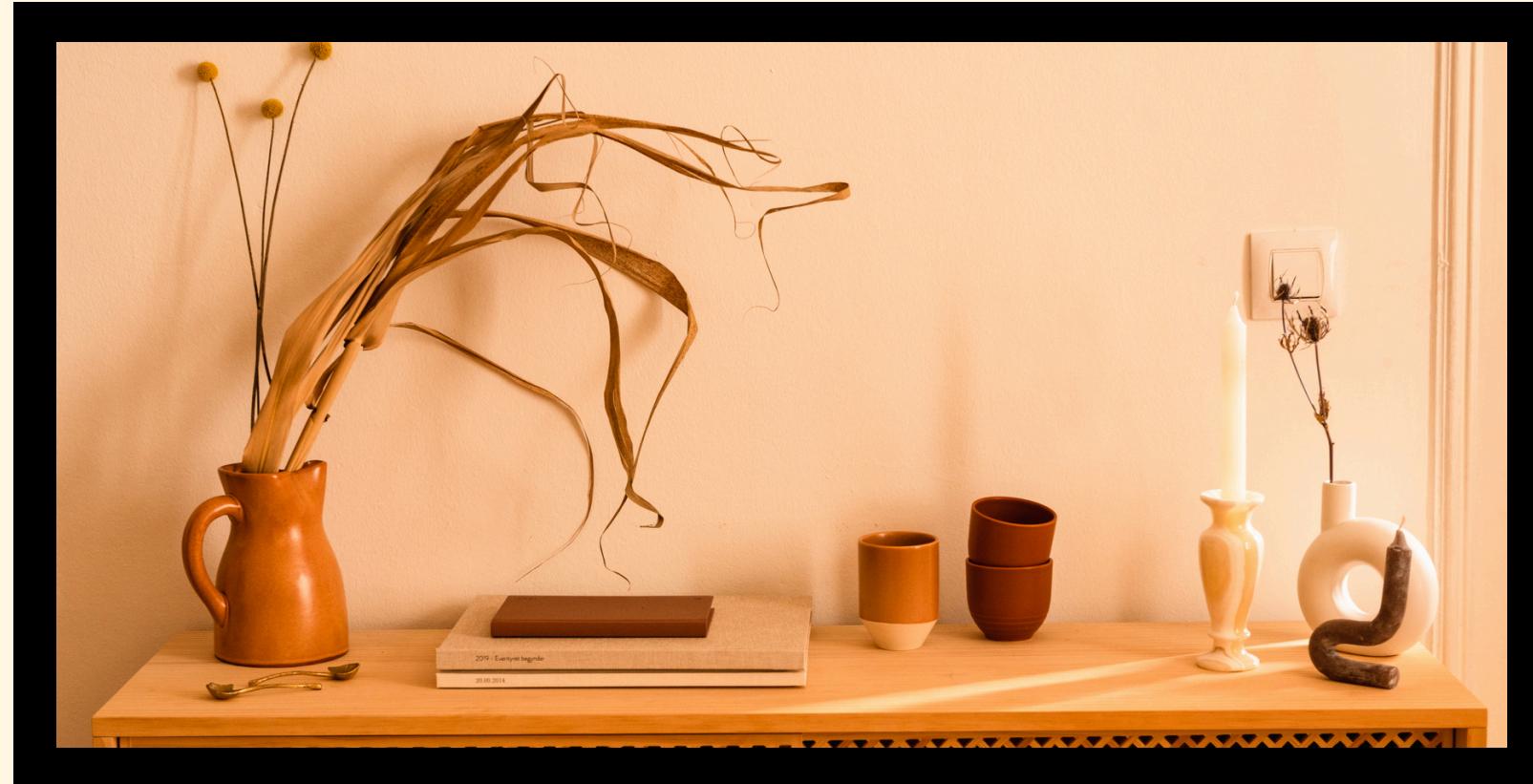
This project involved using Nmap and Wireshark to perform a security assessment on a simulated network. I successfully identified over 5 vulnerabilities, including open ports and unencrypted data transmissions. I concluded the project by authoring a technical report that detailed the findings and provided actionable recommendations to mitigate the security risks.



ONLINE BOOKSTORE DATABASE MANAGEMENT

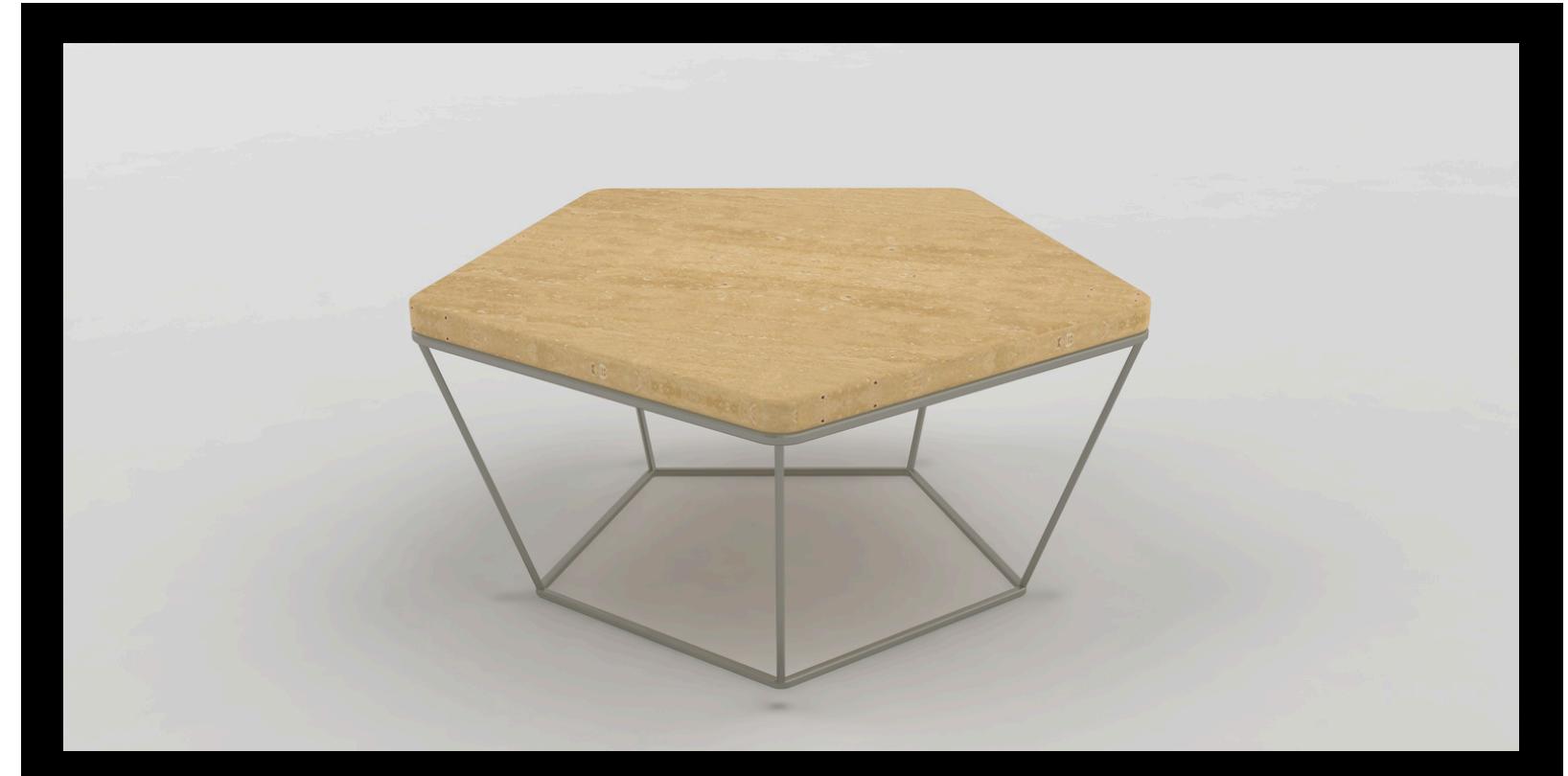
I designed and implemented a relational database from scratch for an e-commerce bookstore using MySQL. The project involved creating a normalized (3NF) schema with over 10 tables to ensure data integrity. I also developed complex SQL queries, including multi-table JOINs and aggregate functions, for both CRUD operations and generating key business reports.





SALES DATA ANALYSIS WITH PYTHON

Using Python libraries such as Pandas, NumPy, and Matplotlib, I analyzed a sales dataset with over 10,000 entries. My work involved extensive data cleaning, which improved data quality by 25%. The analysis revealed a key business insight: a 15% sales increase in a specific product category. The entire process and findings were documented in a Jupyter Notebook.



THANKS FOR WATCHING

I am always open to discussing new projects,
creative ideas, or opportunities to be part of an
amazing team. Feel free to reach out to me

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