

# PREET PATEL

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## EDUCATION

**University of Southern Indiana** | Evansville, IN  
Bachelor of Science in Computer Science, Minor in Mathematics

Aug 2018 - Dec 2022

**Relevant Courses:** Data Structure, Statistics, Operating Systems, Discrete Structure for Computer Science, Architecture Digital Computing, Database Concept, Advanced Programming in C#, Micro Computer Engineering, and Analysis Algorithm

**Certification:** Google Data Analytics Professional Certificate

Jan 2023 - March 2023

## SKILLS

- Proficiency with Python, SQL, Oracle, Tableau, Excel, C#, HTML, CSS, JavaScript, React, and Angular
- Familiar with .Net, Power BI, Visual Studio, Linux, Microsoft Office, Git, AWS, and Adobe products
- Ability to work in a team environment and interface with all levels in the organization
- Good interpersonal and communication skills, critical thinking ability, attention to detail, and creativity
- Excellent mathematical ability that translates into collecting, measuring, organizing, and analyzing data

## EXPERIENCE

**Fusion Business - Web Developer/Programmer**

April 2023 - Present

- Develop customized website solutions to implement dynamic functionality and database integration
- Create and manage SQL databases to store, retrieve, and manipulate website data efficiently
- Conduct thorough testing and debugging of Visual Basic and SQL code to identify and resolve issues, ensuring optimal performance and data integrity, increasing code quality by 24%
- Consolidate a robust content management system, enabling clients to easily update and manage website content

**University of Southern Indiana IT Department - IT Support Technician**

May 2021 - May 2022

- Handled 20+ support calls per day, addressing software and hardware installations and helping fix technical issues
- Ensured security and privacy of networks, and computer systems, and set up 30+ offices successfully
- Implemented Azure DevOps and Azure Storage cloud solutions, increasing infrastructure efficiency by 15%
- Maintained records of repairs and fixes, and maintenance schedules using the KACE ticketing system

## PROJECTS

**E-Commerce Website Development - ( pettyvape.com )**

- Created a comprehensive product catalog, including categories, filters, and search functionalities, enabling customers to easily browse and find products, resulting in improved user engagement by 11%
- Optimized website performance, including page load times, database queries, and caching mechanisms to enhance the overall user experience, including adding security to the website, and inventory management features
- Implemented strategic optimizations that led to a substantial boost in online sales and revenue generation

**Play Chess with AI**

- Developed a chess game to play against AI using Python and Machine Learning knowledge
- Used Alpha-Beta pruning and other AI techniques; decision theory, game theory, statistics, and philosophy for minimizing the possible loss in the worst-case scenario

**2D Platformer Unfair Game Development**

- Developed an unfair PC strategy game with varying difficulty settings and types of levels
- Designed characters and game mechanics in Unity using C#, and Visual Studio