Yash Patel

Yashpat2503@gmail.com | https://www.linkedin.com/in/ynp3/ | https://github.com/yashpatel2503

Cell: +1 (609) 451-6940 | Cherry Hill, NJ, 08034

EDUCATION

New Jersey Institute of Technology, Newark, NJ   **Jan 2020 - May 2024**

Bachelor of Science in **Computer Science** with a Minor in **Data Analytics**

EXPERIENCE

Willlouden.com, Inc (Remote)   *Dec 2023 – May 2024*

– *Software Developer*   (https://lilyoungone.com)

- **Developed** a web-based application named **lilYoungOne** using a diverse tech stack that includes **PHP**, **JavaScript, HTML**, **CSS**, **SCSS**, and **SQL**. This project aimed to **significantly** enhance the user experience and improve the overall **functionality** of the **platform**, ensuring it meets the evolving needs of its users.

- **Implemented** robust **data management** strategies utilizing **SQL databases**. This involved designing **efficient** database **schemas** and writing optimized **SQL** queries to **store, retrieve**, and **manipulate** user information securely, ensuring **data integrity** and **confidentiality**.

- **Collaborated** with a remote team of developers, **designers**, and **project managers** to conceptualize, design, and **implement** new features. This collaboration was crucial in ensuring the platform's **effectiveness**, **scalability**, and **alignment** with business goals. Regular meetings and communication were maintained to keep the team **synchronized** and the project on track.

- **Designed** a **user-friendly interface** with a focus on **usability** and **accessibility**. This involved **creating** intuitive **navigation** structures and interactive elements that facilitate easy use for individuals with varying levels of technical proficiency. **Conducted** user testing sessions to gather feedback and iteratively **improve** the design.

- **Contributed** significantly to the **development** and **maintenance** of the **platform's** frontend **codebase**. This included writing clean, maintainable code and **adhering** to **established** coding standards and best practices. Regular code reviews and updates were **performed** to ensure the codebase remained **scalable** and **maintainable**, supporting future growth and **development** of the platform.

ACADEMIC PROJECTS (See More Projects: https://yashpatel2503.github.io/YASHPATEL/)

J&J Chocolates – Data Analytics

- **Analyzed** 50 online transactions to identify customer behavior patterns, using **Excel** for **data organization**, descriptive **statistics**, and visualizations.
- Found a positive correlation between time on site and transaction amounts, recommending strategies to boost engagement and sales.
- Discovered PayPal users had the highest spending, leading to targeted marketing suggestions. **Documented** findings in **Word**, used **Outlook** for team coordination and updates.
- **Provided recommendations** to optimize sales on high-traffic days and promotions for low-traffic days, enhancing J&J Chocolates' e-commerce strategy.

Student Management System

- **Created** and **implemented** a web-based application using **PHP**, **JavaScript**, **HTML**, **CSS**, and **SQL** to provide a comprehensive solution for managing member information and physical health records within an organization.
- **Developed** a secure and confidential **database system** to regulate member **data**, ensuring **privacy** and **data protection**.
- **Developed** a **Python**-based Student **Database** System, **streamlining** academic record operations and enhancing administrative **efficiency**.
- Utilized **MySQL**, **Python**, and **Visual Studio Code** to create a cohesive multi-platform development environment, ensuring **seamless** integration and compatibility across various operating systems.
- **Created** a user-centered **interface** with excellent **UI/UX** skills for effective **CRUD** operations.
- **Demonstrated** strong **problem-solving** skills and attention to detail in identifying and **resolving** technical issues, ensuring the **reliability**, **security**, and **functionality** of the Student Management System.

SKILLS

Programming Languages: Object-Oriented Programming(OOP), Python, C#, Java, PHP, JavaScript, C, C++, Bash, HTML, CSS, SQL

Frameworks & Libraries: Express.js, NEXT.js, Node.js, Angular, jQuery, React, Flask, Dash

Tools & Technologies: GCP, Azure, Cloud Computing, **Excel**, Linux/Unix, MacOS, **Word,** BitBucket, **Microsoft Outlook** Tailwind CSS, Pandas, Copilot, Git (GitHub, GitLab, Hugging Face), Linux, Microsoft Visio, Figma , Technical Writing.

Cloud: AWS: Amplify and EC2; Google: Firestore, AppEngine, and Cloud Functions

Project Management: Jira, Bitbucket, Confluence, Agile Development (Scrum Methodology)

Databases: PostgreSQL, MongoDB, Firestone, CockroachDB

Other: Autodesk Fusion 360, Solidworks, Cura