# Kintur Shah
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## WORK EXPERIENCE

**Horizon Webinfo Pvt. Ltd., India | Junior PHP Developer**                                    **Feb 2023 - April 2023**
- Developed and enhanced backend functionality using PHP, Laravel, and MVC, applying OOP principles for better code maintainability.
- Revamped the existing application by introducing new user-requested features, improving functionality, and debugging issues.
- Added new features based on data analysis of user feedback, improving the overall functionality and user satisfaction of the application.

**Octagotech Pvt Ltd, India | Web Developer**                                    **July 2022 - Nov 2022**
- Responsible for developing both static and dynamic web pages, enhancing my proficiency in web programming languages including HTML, CSS, JavaScript and React.
- Integrated MySQL databases, RESTful APIs, and customized WordPress themes, improving backend functionality and content management while collaborating using Git and GitHub for version control.
- Analyzed web traffic data to optimize site performance, resulting in a 15% increase in page load speed.

**CreArt Solutions, India | Back-end Intern**                                    **June 2022 - July 2022**
- Authored clean and maintainable Python code, with regular updates and reports provided to the Lead Manager.
- Tasks involved improving code quality, resolving issues, conducting code reviews, leveraging essential Django framework features, and working closely with the development team.
- Engineered a scalable email sender web application using Django framework for backend functionality, paired with HTML and CSS for the frontend, enhancing user experience and improving email delivery efficiently by 30%.

**Elite Techno Groups, India (Remote) | Data Science Intern**                                    **Aug 2021 - Sept 2021**
- Got the training for Python and Machine Learning in depth. Understood the concepts of Supervised and Unsupervised models, JSON and and its application in Python.
- Utilized NumPy, Pandas, Autoviz and Matplotlib for data analysis and visualization projects, achieving a 20% improvement in analytical accuracy through data-driven optimization.

## PROJECTS

**Movie Recommendation System** [ Python, Natural Language Processing and Streamlit ]
- Made a movie recommendation engine leveraging Hugging Face's Sentence Transformer models, enhancing movie search relevance by 25% based on semantic understanding, cosine similarity and natural language input.
- Embedded the model into an interactive Streamlit web app, allowing users to input preferences and receive real-time recommendations, improving user engagement by 30%.
- Handled the entire backend development process, including data preprocessing, feature extraction, and model implementation, while also collaborating on the front-end design and user interface.

**Digital Thesis Repository** [Next.js, React, MySQL, WordPress, HTML, CSS, API, Cloud]
- Constructed a centralized repository for storing and managing academic theses with search, submission, peer review, and blog management using WordPress for community engagement
- Built a React-based frontend with Next.js for backend processing and MySQL for optimized data storage and retrieval.
- Incorporated real-time chat feature, enabling users, scholars, and administrators to discuss research topics and thesis-related queries.
- Hosted the application on Cloud, managing deployment and DNS configurations for accessibility.

**Inventory Management System** [ Python and JSON ]
- Designed an Inventory Management System to streamline the organization, pricing, and management of inventory data.
- Implemented key features such as displaying product details, updating inventory levels, and tracking customer purchases, improving inventory accuracy by 25%.

**Grocery Store Web Application** [ HTML, CSS, JS, PHP, MySQL ]
- Built a dynamic web application enabling users to browse, search, and purchase grocery items online, streamlining the shopping experience.
- Structured and managed MySQL database to store product details, customer information, and admin credentials, ensuring secure and efficient data management.

## SKILLS & CERTIFICATES

**Programming Languages:** Python, SQL, HTML, CSS, JavaScript, PHP, C, Java
**Libraries and Frameworks:** React, Flask, Django, Laravel, Hibernate, Pandas, Pandas, NumPy, FastAPI, Streamlit
**Database:** MySQL, PostgreSQL, SQLite
**Software and Tools:** Visual Studio Code, Jupyter Notebook, Power BI, MATLAB, MySQL Workbench, Github, Git, Microsoft Azure
**Certificates:** JavaScript (HackerRank), Learning Python (Linkedin), Introduction to Back-End Development (Meta), Introduction to Data Science (IBM), Software Development Processes and Methodologies (Coursera)

## EDUCATION

**The University of Texas at Arlington | Masters of Science in Computer Science**                                    **GPA: 3.82**
Relevant Coursework: Machine Learning, Artificial Intelligence, Data Mining, Cloud Computing and Big Data,
Database Systems, Software Engineering, Design & Analysis of Algorithms, Data Analysis and Modeling Techniques                                    **May 2025**

**L.J. Institute of Engineering and Technology | Bachelors in Computer Engineering**                                    **GPA: 3.70**
Relevant Coursework: Data Structures & Algorithms, Web Development, Python for Data Science, Computer Networks,
Data Visualization, Discrete Mathematics, Operating Systems, Advanced Java                                    **June 2023**