

# Kintur Shah

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## WORK EXPERIENCE

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- Horizon Webinfo Pvt. Ltd., Ahmedabad, India | PHP Developer Intern** **Feb 2023 - April 2023**
- Gained a deep understanding of PHP scripting language, Laravel and MVC framework.
  - Revamped existing application by introducing new user-requested features, improving functionality, and debugging issues.
  - Developed new features based on data analysis of user feedback, improving the overall functionality and user satisfaction of the application.
- Octagotech Pvt.Ltd., Rajkot, India | Web Developer Intern** **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 and customized WordPress themes, enhancing backend functionality and content management.
  - Analyzed web traffic data to optimize site performance, resulting in a 15% increase in page load speed.
  - Collaborated using Git and GitHub for version control, maintaining a clean and efficient codebase.
- CreArt Solutions Pvt.Ltd., Ahmedabad, 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 | 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 how it is integrated with Python programming language.
  - Utilized NumPy, Pandas, Autoviz and Matplotlib for data analysis and visualization projects, achieving a 20% improvement in analytical accuracy through data-driven optimization.

## PROJECTS

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- Movie Recommendation System** [ Python, NLP and Streamlit ]
- Developed a semantic movie recommendation engine leveraging Hugging Face's Sentence Transformer models, enhancing movie search relevance by 25% based on semantic understanding and natural language input.
  - Integrated the model into an interactive Streamlit web app, allowing users to input preferences and receive real-time recommendations, improving user engagement by 30%.
  - Managed the entire backend development process, including data preprocessing, feature extraction, and model implementation, while also collaborating on the front-end design and user interface.
- 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.
  - Designed and implemented a MySQL database to store product details, customer information, and admin credentials, ensuring secure and efficient data management.
- Data Analysis on Summer Olympics** [ Python & its libraries ]
- Performed Exploratory Data Analysis (EDA) on Olympic datasets, uncovering key insights and patterns to inform decision-making.
  - Improved efficiency in identifying patterns in medal distribution and performance trends across different Olympic events by 20%.

## SKILLS & CERTIFICATES

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**Programming Languages:** Python, SQL, HTML, CSS, JavaScript, PHP, C, Java

**Libraries and Frameworks:** Pandas, NumPy, Matplotlib, Seaborn, Plotly, NLTK, OpenCV, Scikit-learn, TensorFlow, PyTorch, Tkinter, Streamlit, PyGWalker, Hibernate, React, Laravel, Flask, Django

**Database:** MySQL, SQLite, Azure SQL Database

**Software and Tools:** Visual Studio Code, Jupyter Notebook, XAMPP, Power BI, MATLAB, Google Charts, MS Excel, Omega, Github, Git, Microsoft Azure

**Certificates:** MATLAB Onramp (Mathworks), Learning Python (Linkedin), Introduction to Back-End Development (Meta), Introduction to Data Science (IBM), Software Development Processes and Methodologies (Coursera)

## EDUCATION

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**The University of Texas at Arlington | Masters of Science in Computer Science** **GPA: 3.75**

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**