Kirtan Shrestha

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EDUCATION

Softwarica College of IT ,Coventry University	Delhibazar, Kathmandu
Bsc. Hons Computing	*October,2022*
Kathmandu World School	Gundu, Bhaktapur
Major in Computer Science.	*July. 2020 – May 2022*
Valley Public School	Lamatar, Lalitpur
School Level	*April. 2014 – March 2020*

COLLEGE PROJECTS

Rentify – Flat Rental Application | *MERN Stack, Flutter*   Nov 2024 – March 2025
- Developed a full-stack rental platform using the MERN stack for the web and Flutter for mobile, streamlining the rental process.
- Implemented key features such as property listings, secure payment processing , and tenant-landlord communication.
- Designed an intuitive user interface and integrated a scalable backend for efficient data management.

SuperMarket Assist Robot | *OpenCV,LineMapping,Python,MySQl,Github*   April 2024 – Aug 2024
- Programmed the robot's navigation system in Python, integrating path-planning algorithms and obstacle detection.
- Developed a supermarket assist robot capable of detecting products using OpenCV-based.

KwickMeal (Restaurant Food Order Application) | *Html,CSS,Django, Github*   Nov 2023 – Feb 2024
- Developed a restaurant food ordering web application using Django with an MVC (Model-View-Controller) architecture to ensure scalability and maintainability.
- Designed a responsive user interface using HTML and CSS, allowing customers to browse menus, place orders, and track order status.
- Implemented backend functionality for order management, menu updates, and payment integration using Django's.
- Utilized GitHub for version control and collaborative development, ensuring code quality and continuous delivery.

RuPay (Fees Management System | *Netbeans, Java, MySQl Workbench, Github*   May 2023 – August 2023
- Developed a robust fees management system following the MVC (Model-View-Controller) architectural pattern to ensure modularity and maintainability.
- Implemented GitHub OAuth to get data from user's repositories
- Designed the application in Java with NetBeans, leveraging MySQL Workbench for efficient database management.
- Created intuitive user interfaces (View) for administrators and staff, enhancing user experience and workflow efficiency.

SuperMart Desktop Application | *Python,MySQL, Git*   October 2022 – Feb 2023
- Designed and developed a user-friendly desktop application for inventory management, billing, and sales tracking in Python.
- Integrated MySQL database to handle product information, customer records, and transactional data efficiently.
- Implemented features like automated invoice generation.
- Utilized Git for version control and coordinated with team members for streamlined development and issue resolution.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML/CSS
Frameworks: React, Node.js, Flutter
Developer Tools: Git, VS Code, Android Studio, PyCharm