

# Jevis Kafle

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## Skills

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- **Languages:** Python, SQL, JavaScript, HTML, CSS, PHP
- **Frameworks & Libraries:** Django, React.js, NextJs
- **Databases & Caching:** PostgreSQL, MySQL, MongoDB
- **Tools & DevOps:** Git, GitHub
- **Concepts:** RESTful API Design, WebSockets, System Design, Real-time Data Processing

## Projects

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### *Real-time Disaster Management System*

*NextJS, MongoDB, OpenStreetMap, Geo*

- Developed a high-priority communication platform to coordinate emergency responses during natural disasters.
- Implemented WebSockets for real-time alerts and location-based updates for rescue teams and victims.
- Designed a centralized dashboard for authorities to track resource allocation and incident reports.

### *E-commerce Room Rental System*

*NextJS, MongoDB*

- Built a full-stack platform connecting property owners with tenants, featuring a streamlined booking workflow.
- Developed a robust search and filter engine based on location, price range, and property amenities.
- Implemented secure user authentication and a multi-role dashboard for property owners and tenants.
- Integrated automated invoice generation and secure payment simulation for booking deposits.

### *Real-Time Chat Application*

*NextJS, Socket.io*

- Engineered a seamless instant messaging application supporting private and group conversations.
- Utilized Socket.io to handle bi-directional communication with features like 'typing' indicators and online status.
- Designed a responsive and modern UI using React.js to ensure a smooth user experience across devices.
- Optimized message delivery latency by using Redis as a message broker for concurrent connections.

## Education

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**Mechi Multiple Campus** — Bachelor of Computer Applications (BCA)

April 2026 (Expected)

Current Status: Semester 7

**Relevant Coursework:** Data Structures and Algorithms, Database Management Systems, Web Technology, Software Engineering, Operating Systems, Computer Networking.