KRISTAN DHAREL

FULL STACK WEB-DEVELOPER

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TECHNICAL SKILLS

- **Frontend Technologies:** Angular (TypeScript, RxJS, Angular CLI, Angular Material); React.js, HTML5, CSS3, JavaScript (ES6+); Responsive Design, Tailwind CSS, Bootstrap; WebRTC, WebSockets for real-time applications
- **Backend Technologies:** Node.js, Express.js; RESTful APIs, WebSocket implementation
- **Database & Tools :** MongoDB, Oracle Database, PostgreSQL; Database design and optimization; SQL and NoSQL database management; Git/GitHub, Version control; C# (.NET Framework)

PROFESSIONAL EXPERIENCE

IoT and Robotics Trainee and Web-Developer [ING Skill Academy]   **Jan 2024-Jan 2025**

- Led a team in designing and developing various robotic projects, integrating IoT and automation technologies.
- Collaborated with team members to innovate and solve technical challenges, improving efficiency and functionality.
- Developed a full-fledged website for a robot, enabling real-time controls and video chatting for seamless remote interaction.
- Integrated WebSockets and real-time data streaming for smooth and responsive robotic operations.
- Designed an intuitive UI using React and Tailwind CSS, ensuring a user-friendly experience.

PERSONAL PROJECTS

Full-Stack Developer [ING Skill Academy]

Video Chatting Website (Real-Time Communication)

- Developed a real-time video chatting website with WebRTC, enabling seamless peer-to-peer communication.
- Integrated WebSocket for instant messaging and connection status updates.
- Designed a responsive and intuitive UI using React and Tailwind CSS.

Online Bidding System[Final Year Project]

- Built an online bidding platform with real-time auction updates using WebSocket.
- Implemented secure user authentication and bidding functionalities with MongoDB, Node.js, and React.js.
- Ensured synchronized auction ending times for all users.

Cash Flow Tracker (C# Application)

- Developed a desktop application using C# to track cash inflows and outflows efficiently.

EDUCATION

Bachelors of Information (BSc (Hons) Computing) | Islington College   **2022-Present**

St.Xavier's School | Jawalakhel,Lalitpur   **2020-2022**

PERSONAL PROFILE

- GitHub Profile - https://github.com/KristanDharel
- LinkedIn Profile - https://www.linkedin.com/in/kristan-dharel-298607252/

GitHub   **LinkedIn**