

# ISHAN DAHAL

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## Objective:

I am a full-stack software developer seeking a full-time opportunity as a web developer, to best utilize my programming & soft skills. I bring 3+ years of industry experience, developing diverse software products.

## Skill:

• JavaScript | C# | TypeScript | React.js | ASP.NET | Entity | PostgreSQL | HTML | CSS | Node.js | Express.js | Git | REST

## Education:

**University of Michigan-Dearborn**

Dearborn, MI 48126

08/2022 - 04/ 2024

**Master's Degree**, Computer and Information Science

## Experience:

### Software Engineer

#### SeeLogic International

09/2021 - 07/2022

- Led the design and development of e-commerce application for Murray Uniform group, driving 200% increase in daily user count utilizing the latest state-of-art technologies like ASP.NET, React.js, REST Services, MVC architecture & more.
- Implemented map component consisting complex geocoding, routing, and tracking features for integrating UPS store locations and advanced product items tracking feature in e-commerce applications.
- Conducted thorough unit, integration, and more tests with Jest and delivered quality and bug-free applications.
- Utilized React.js package, react-three-fiber for 3D graphics and visualizations, implementing intuitive product visualizations.
- Managed and orchestrated Git version control workflows for projects, overseeing branches, pull requests, and merges to ensure a streamlined and collaborative development process.

### Software Developer

#### InfoDevelopers Pvt. Ltd.

10/2019 - 08/2021

- Employed cutting-edge performance optimization techniques, incorporating lazy loading, PWA, and async loading, significantly enhancing initial page load times across a project comprising 20+ modules.
- Implemented role-based access control with token authentication for fortified security and precise user authorization.
- Used HTML Canvas and JavaScript to achieve secured media upload, manipulation and validation.
- Worked on 500+ diversified REST APIs, including external payment gateway APIs, implementing REST architecture. Engineered intuitive multi-level forms with validations utilizing Yup and React Forms for web app profiles.
- Engineered robust & privilege routing and navigation within the application and achieved SPA architecture.

### Front-end Intern

#### Treeleaf Technologies Pvt. Ltd.

06/2019 - 09/2019

- Crafted visually captivating UI/UX designs, engaging brochures, and eye-catching flyers for products and promotions.
- Enhanced existing projects by incorporating interactive elements, such as spinners and loaders, to improve user experiences.
- Utilized Jest to conduct comprehensive testing, ensuring robust functionality and bug-free performance.

## Personal Projects:

- **MyHealth Web Application:** Developed and implemented an innovative web application leveraging patient data retrieval & delivery automation for hospital emergency departments, streamlining diagnostic processes & enhancing patient care.
- **Video Analytical Solution:** Leveraged various google cloud services like Video Intelligence API, bigQuery to extract detailed object information from uploaded videos, enhancing content understanding and classification capabilities.
- **UMD Shuttle Service:** Designed and developed mobile application using React Native with features such as real-time notification and integrated map to track the shuttle for UM-Dearborn students.

## Other experience:

- **UM-Dearborn:** Teaching Assistant and Tutor for courses like C++, AI, Digital Logic.