

Ishan Dahal

(313)-231-4005 / idahal@umich.edu / Dearborn, Michigan, United State of America

Technical Skills

- HTML5/CSS
- JavaScript
- TypeScript
- Figma
- C++
- Python
- SQL
- GIT
- GCP
- Angular/React JS

Education

University of Michigan-Dearborn | Dearborn, MI

Expected: April, 2024

Master in Computer and Information Science (est. GPA: 3.8)

Relevant Coursework: Software Engineering, Advanced OS, Computer Network, Cloud Computing, Database

St. Xavier's College | Kathmandu, Nepal

April, 2020

Bachelor in Computer and Information Science (GPA: 3.5)

Professional Experience

SeeLogic International (The Dogma Group), Kathmandu, Nepal

Software Developer

September 2021-July 2022

Projects involved: *Hawkins security (Web and Mobile Application), Murray Uniform web portal*

- Developed robust and scalable React components for web and mobile applications, prioritizing code quality and maintainability, and conducted comprehensive testing to optimize performance, efficiency, and user experience across software products.
- Worked in implementing features like routing and tracking features in real-time maps, role-based access control components. Successfully integrated domain-specific APIs into e-commerce web applications.
- Collaborated closely with designers and stakeholders to refactor the UI/UX of the e-commerce web application, resulting in an attractive and interactive interface that led to a 200% increase in user count.

InfoDevelopers Pvt. Ltd., Kathmandu, Nepal

Junior Software Engineer

June 2020 - August 2021

Projects involved: *PPSC (Province Public Service Commission web app), VRTMS (Vehicle Registration and Transport Management System web app)*

- Developed and maintained frontend components using React, HTML5/CSS, and SASS for the projects, implemented scalable and reusable code architecture, ensuring optimal performance and user-friendly interfaces.
- Collaborated with a team of developers to complete assigned tasks in Jira, ensuring timely delivery of high-quality code. Utilized Git for version control to ensure seamless collaboration and code management.
- Actively participated in client meetings to gather requirements, understand project objectives, and provide technical insights. Effectively translated client needs into functional frontend designs.

Treeleaf Technologies Pvt. Ltd., Lalitpur, Nepal

Frontend Intern

June 2019 - September 2019

- Inspected and executed the front-end code optimization and refactoring in the deployed software application, resulting in increased efficiency and improved user experience.
- Designed UI/UX of software products, including brochures and flyers for marketing, using Adobe XD, Figma, and other design tools, that effectively illustrated the software's features and benefits

Academic Project

- **UMD Shuttle Service:** Designed, developed and deployed the database and front-end of the mobile application using PostgreSQL, React Native, HTML, Tailwind CSS, to digitize the shuttle service of University of Michigan-Dearborn.
- **Video Analytics Solution:** Worked with GCP services, mainly with dataflow, video intelligence API, big query, and gradle to develop solutions capable of efficient processing, analysis, and management of video data.

Campus Involvement and engagement

- **SI(Supplement Instruction) Leader/ Tutor (2022-Present):** Organizing the SI session to guide and tutor the undergraduate students in University of Michigan-Dearborn to improve their academic performance.