**Ishan Dahal**

**Dearborn, MI**

**SUMMARY**

* Solution-oriented professional UI/UX designer & developer with 5+ years of experience building responsive, dynamic, appealing, bug-free and intuitive web and mobile applications.
* Transitioning from a core Java backend developer to a UI designer, I bring a robust technical foundation and a creative approach to user interfaces.
* At the University of Michigan-Dearborn, I led tutoring sessions in Java, C++, Digital Logic, and AI, contributing to the university's website redesign with Figma wireframes.
* As a UI/UX Engineer at SeeLogic International, I designed and developed web layouts using Figma, HTML5, CSS3, and React.js, successfully executing e-commerce and CRM projects.
* My background in Java development, including experience with Spring, Hibernate, and RESTful APIs, complements my design skills, allowing me to create intuitive and functional interfaces.
* Proficient in AngularJS, React Native, and JavaScript, I ensure responsive, cross-browser compatible designs adhering to W3C standards.
* My collaborative approach and keen eye for detail enable seamless integration between design and development teams, achieving project goals efficiently.

**TECHNICAL STACK:**

* **UI/UX design:** Figma, Adobe XD, Adobe Creative Cloud, Illustrator, Inclusive Design, Adobe Photoshop
* **Frontend Design & Development:** React.js, AngularJS, JavaScript, TypeScript, HTML5, CSS, XML, Jest, RxJS
* **Backend & Database Development:** Express.js, Java, Spring Boot, Hibernate, SequelizeJS, MySQL, MongoDB, JDBC, OAuth 2.0, PostgreSQL, Node.js, Sequelize, ASP.NET, C#
* **Web Technologies:** REST Services, RESTful APIs, Webpack, Babel, JSON, SPA, DOM manipulation, Web APIs
* **Version Controls & Tools:** Git, Github, Gitlab, Jira, Jenkins, VSCode, GCP, Agile Scrum, Postman.

**EDUCATION**

* University of Michigan-, Dearborn, MI 48126 08 /2022 - 04/ 2024

Master’s Degree, Computer and Information Science

**PROFESSIONAL EXPERIENCE**

**University of Michigan-Dearborn 01 /2023 - 04/2024**

**Graduate Teaching Assistant/ Tutor (During Master degree)**

* Led comprehensive tutoring sessions to mentor undergraduate students in mastering Object-Oriented Programming (OOP) concepts in C++ , Digital Logic , AI and Java .
* Collaborated closely with faculty to support the delivery of the Artificial Intelligence course in hi-flex technology.
* Observed & mentored the Supplemental Instruction(SI) tutors to enhance their communication, presentation, and leadership skill set.
* Organized the single day coding bootcamp to prepare undergraduates for courses like C++ .
* Contributed to the revamping of the university’s website page of Supplemental Instruction(SI) department by providing the wireframe in Figma.

**SeeLogic International, Nepal 09/2021 - 07/2022**

**UI/UX Engineer**

SeeLogic International is part of the Dogma Group, focusing on CRM, ERP, and application Development. Contributed extensively on two projects: e-commerce application Murray Uniform and CRM application for Hawkins Security .

* Led design and development of web layouts and wireframes using Figma, HTML5 , CSS3 , and JSX in React.js , integrating Redux for state management.
* Led the UI/UX design team of Murray Uniform project to re-design the application layout, leveraging technologies like Figma for wireframe , and Adobe Illustrator for logo design .
* Participated in weekly design reviews with cross-functional team stakeholders and incorporated feedback to refine designs and ensure alignment with user needs and business goals.
* Leveraged Spring Data JPA for efficient DB operations & repository management, streamlining data access & persistence.
* Integrated OAuth2 and JWT for token-based authentication, enhancing security and enabling secure API access.
* Implemented proper URL routing using React Router to ensure seamless navigation and user interaction.
* Applied Hibernate for ORM (Object-Relational Mapping), optimizing database queries and transactions to improve application performance using MySQL .
* Extensively worked with Jira for Scrum, and Git for collaborative software development.

**Info Developers Private Limited, Nepal 10/2019 - 08/2021**

**Web Developer**

Info Developers are the leading software development company targeting fin-tech and GovTech. Contributed to three GovTech web application projects PPSC web portal, VRTMS web portal, and ORMS web applications.

* Designed the wireframes of two submodules of PPSC web portal, the public profile, and the exam registration module with features like multi-step forms with images, models pop-up and more leveraging Figma .
* Actively facilitated UI/UX design meetings to ensure seamless alignment between design and development teams, enhancing collaboration and ensuring that project objectives were met efficiently.
* Developed multi-step validated forms using Yup, Formik for web application’s profile components.
* Implemented role-based access control with token authentication for fortified security and precise user authorization in the applications, developed 200+ RESTful APIs .
* Leveraged jQuery for dynamic client-side interactions, including AJAX -based page navigation and JSON data handling.
* Employed Spring MVC for backend development, ensuring URL routing with MVC architecture.
* Designed dynamic, cross-browser compatible pages using HTML5 , CSS3 , Bootstrap , and JavaScript technologies.

**Treeleaf Technologies, Nepal**

**Junior Web Designer & Developer 06 /2018 - 09/2019**

Treeleaf Technologies is a leading software development company focusing on AI-powered software.

● Developed a real-time analytics dashboard utilizing Java, AngularJS and RxJS to build and handle asynchronous API data and complex UI interactions facilitating AI-powered system’s monitoring & update.

● Designed brochure & flyers using Adobe XD for “VIXX: AI-based vehicle assistant system” for its launch and promotions.

● Designed visually compelling promotion posts for the company using Figma and MS Paint , increasing social reach.

● Conducted user research and usability testing, resulting in actionable insights that improved user experience and increased engagement in GovTech vehicle management system.

● Managed complex transactions and ensured data consistency using Java Spring ’s transaction management features, supporting ACID properties in critical business operations.

● Leveraged AngularJS Modules, Templates and Views, Controllers, and Data Binding to achieve MVC architecture pattern.

● Practiced HTML5 , CSS3 , JavaScript best practices, and responsive designs to ensure adherence to W3C standards.

● Utilized Jest to conduct comprehensive testing, ensuring robust functionality and bug-free performance.

**OTHER EXPERIENCE AND PROJECTS**

* **Automation Engineer Intern :** Leveraged Python Selenium to perform automation tasks along with data visualization & analysis for DataMatics Global Solution, Michigan .
* **Video Analytical Solution :** Leveraged GCP services to extract detailed object information from uploaded videos, enhancing content understanding & classification capabilities
* **Stock Price Predictor App :** Leverage deep learning model LSTM-RNN to predict the stock to buy/sell considering parameters like RSI, CandleStick, and more.
* **UMD Shuttle Service App :** Utilized Figma and Adobe Illustrator to design wireframes for a shuttle service application as part of a software engineering course project. Successfully implemented the design using React Native , ensuring a seamless transition from concept to functional application.