FC6W51NT Work Related Learning (WRL) Form

Student

Student London met ID: 22085392

Student Name: Asim Khadka

College E-mail ID: np05cp4s230016@iic.edu.np

Mobile No: 9805371034

Student's work/placement address: ING Skill Academy, Kavya College, New Baneshwor

Employer

Employer Name: ING Skill Academy

Employer's Address including department: ING Skill Academy, Kamalpokhari,Kathmandu

Company Supervisor's Name and Position: Niraj Pradhan, Skill Team Lead

Company Supervisor's Tel No: 9840783168

Company Supervisor's email address: niraj.pradhan@islingtoncollege.edu.np

Work Related Learning Activity

Start Date: 21st June 2024

End Date (if known):

Your role at the placement (position): Web development Intern

Brief description of your work at the placement: As a web development intern, I will focus on designing responsive user interfaces in React, managing state with Redux Toolkit, making wireframes with Figma, developing robust backend solutions with Node.js and Express.js, creating and integrating APIs with the frontend and backend.

Proposed learning outcomes from the Work-Related Learning Activity:

Learning Outcome ID	Learning Outcomes	Activities and Tasks	Evidence
L01	Research Skills	I will gather requirements from my team, review technologies like React, Redux Toolkit, Node.js, and MongoDB, evaluate CSS frameworks, and research best practices for responsive design and optimization. I'll use resources like Stack Overflow, for technical challenges.	I will provide a summarized document of requirements gathered, screenshots of my research on websites like W3Schools and official documentation, and feedback from my supervisor on specific queries.
LO2	Team Collaboration	I will collaborate with peers on group projects, participate in team brainstorming sessions, and assist in solving problems together. This involves working closely with my teammates, sharing ideas, and learning from others to achieve our goals.	I will provide a summarized document of our project plans outlining my contributions and team efforts, feedback notes with key decisions and actions, pictures of our team working closely and collaboratively on projects.
LO4	Problem-Solving	I will break down complex problems, use critical thinking for innovative solutions, apply effective troubleshooting strategies, and assess results for improvement. This involves identifying root causes, finding creative solutions, executing troubleshooting methods, and continuously reviewing outcomes to enhance our approaches.	I will document problem-solving instances, I will include screenshots of code issues and errors, my research efforts to understand the problem, feedback or ideas from my supervisor, and the solutions I developed to finally solve the error.
LO5	Time Management	I will effectively prioritize tasks, set clear deadlines for project milestones, maintain a detailed schedule for daily activities, use time tracking tools, and adapt my plans to accommodate changing project requirements. This approach will help me stay organized, manage my time efficiently, and ensure that I can meet project goals even when circumstances change.	I will provide a schedule showing daily tasks and milestones completed on time. I will also include time logs to show how I stuck to the plan and made any necessary changes. Additionally, I will share feedback from supervisors or peers about my ability to meet deadlines and stay productive.
LO6	Adaptability	I will show adaptability by quickly learning new technologies, adjusting to changing project requirements, taking on new roles as needed, and	I will include self-assessments document and reflections on how I adapted to various situations

		effectively managing unexpected challenges and uncertainties. This will enable me to stay flexible and responsive in a dynamic work environment.	throughout the internship, showing continuous growth and adjustment.
LO7	Front-End Development	I will utilize Figma to create wireframes, which are visual representations of the skeletal structure of web pages or applications. I will create user interfaces using ReactJS and Tailwind CSS, ensuring they are responsive and accessible. I will set up React js with Vite, I will leverage its instant server start that accelerates the development workflow.	I will show user interface designs created with ReactJS and Tailwind CSS, including screenshots. I will also share code snippets and GitHub repositories. Additionally, I will provide examples of wireframes made with Figma to demonstrate the layout and design concepts. I will present React.js setups with Vite, including configuration files or snippets that highlight Vite's quick server start for efficient development.
LO8	State Management	I will use Redux Toolkit for state management, leveraging its streamlined API and efficient tools to centralize and manage application state in a structured manner. This approach will ensure components are synchronized and responsive while supporting complex data flows and asynchronous operations, enhancing the maintainability and scalability of the application.	I will present examples of state management using Redux, including code snippets and GitHub repositories. I will also share screenshots of Redux slices and stores I have created, along with the data stored in the Redux store.
LO9	Back-End Development and API Integration	I will create and implement server-side applications using Node.js, incorporating databases, APIs, and additional backend services. Ensuring scalability and security of backend systems will be a priority, along with troubleshooting and debugging backend code as needed.	I will provide samples of server-side applications I developed, including GitHub repositories and code samples demonstrating my proficiency in Node.js. I will also include documentation on database integration, reports on API usage, and evidence of successful troubleshooting and debugging efforts.
LO10	Version Control	I will use version control systems like Git to manage code repositories, collaborate with team members on code changes, track project history,	I will provide a GitHub profile showcasing contributions to repositories, documentation of

		and resolve any merge conflicts that may arise.	branching and merging strategies used, examples of commit histories demonstrating effective collaboration, and instances where I resolved merge conflicts successfully.

__This form is approved by WRL academic supervisor__

Academic Supervisor Name: Mr. Nishesh Bishwas

Academic Supervisor Signature:

Date of Signature:

If you work at an external company or organization, the following "Health and Safety checklist" form must be completed before your placement can be approved.

<div style="border:1px solid black">

LONDON
METROPOLITAN
UNIVERSITY

**External Work-Related Learning (PLACEMENT)
PROVIDER**

HEALTH AND SAFETY CHECKLIST

</div>

Name of the Placement Provider (Company name): ING Skill Academy
Placement site Supervisor: Niraj Pradhan
Supervisor's Position: Skill Team Lead.
Address: Kamalpokhari Kathmandu
Email: academy@ingskill.com
Telephone: 9801022144

		Yes	No
1	Do you have a written Health & Safety policy?	Yes	
2	Do you have a policy regarding health and safety training for people working in your undertaking, including use of vehicles, plant and equipment, and will you provide all necessary health and safety training for the student?	Yes	
3	Is the organization registered with? (tick as appropriate) (a) the Health & Safety Executive or (b) the Local Authority Environmental Health Department		No
4	**Insurance** (a)Is Employer and Public Liability Insurance which will cover the duration of the placement? (b) Employer and Public Liability Insurance policy number _____ (c)Will your insurance cover any liability incurred by a placement student as a result of his/her duties as an employee?		No
5	**Risk Assessment** (a)Have you carried out any risk assessment of your work practices to identify possible risks whether to your own employees or to others within your undertaking? (b)Are risk assessments kept under regular review? (c)Are the results of risk assessment implemented?	Yes	

| 6 | **Accidents and Incidents**
(a)Is there a formal procedure for reporting and recording accidents and incidents in accordance with RIDDOR (Reporting of Injuries, Disease & Dangerous Occurrence Regulations)?
(b)Have you procedures to be followed in the event of serious and imminent danger to people at work in your undertaking?
(c)Will you report to the university all recorded accidents involving placement students? (d)Will you report to the university any sickness involving placement students which may be attributable to the work. | Yes | |

The above statements are true to the best of my knowledge and belief.
Signed on behalf of the company with the company stamp:

Name: ING Skill Academy

Signature:

Date: 08/14/2024