CS6W50 Career Development Learning (CDL) Form

Student

Student London met ID: 23048748

Student Name: Anish Subedi

College E-mail ID: anish.subedi.a23@icp.edu.np

Mobile No: 9861067059

Student's work/placement address: New Road – 8, Prem Marga

Employer

Employer Name: XAV Technology

Employer's Address including department: New Road, Software Development

Company Supervisor's Name and Position: Aarati Subedi, Developer

Company Supervisor's Tel No: 9817113100

Company Supervisor's email address: subediaarati95@gmail.com

Career Development Learning Activity

Start Date: 5th Oct 2025

End Date (if known):

Your role at the placement (position): Django Full Stack Developer (Intern)

Brief description of your work at the placement:

- Develop and maintain web applications using the Django framework, ensuring high performance and scalability.
- Collaborate with a team of developers to design, implement, and deploy features using agile methodologies.
- Integrate front-end technologies including HTML, CSS, and JavaScript to create responsive and interactive user interfaces.
- Utilize Docker for containerization, simplifying deployment processes and environment management across different stages of development.
- Participate in code reviews and provided constructive feedback to peers to maintain code quality and adherence to best practices.
- Troubleshoot and debug issues in both front-end and back-end components to ensure a seamless user experience.

Proposed learning outcomes from the Career Development Learning Activity:
It is very important that you read the learning agreement guide before filling in this form. You need to list **at least 7 learning** outcomes, and at least **two** learning activity should be closely relevant to the course you are doing at the university.

Learning Outcome ID	Learning outcomes By the end of my work placement, I will be able to develop what skills or knowledge: (e. g. develop my XXX skills, enhance my knowledge of XXX)	Activities and tasks I will achieve this learning outcome by carrying out what tasks (e. g. participating in a Web development project, or to work in a team, or to engage in group discussion)	Evidence Evidence I could use to demonstrate that I have achieved this learning outcome? (e. g. feedback from the employer, artefacts I will develop, screen shots or video capture, meeting minutes)
LO1	Django framework	• Participating in web development projects by creating Django models, views, and templates • Implementing user authentication and authorization systems • Configuring URL routing and creating RESTful endpoints. • Working with Django ORM for database operations.	• Code repositories on GitHub showing Django project structure. • Functional website features with working authentication • Feedback from technical supervisor on code quality
LO2	HTML, CSS, and JavaScript	• Designing and implementing responsive web pages using HTML5 and CSS. • Working on client-side form validations using JavaScript • Performing Document Object Model (DOM) manipulation for dynamic content • Creating interactive UI elements and handling user events	• Screenshots of completed responsive web pages on different devices • Browser compatibility testing results across Chrome, Firefox, and Safari • Working form validations and interactive UI demonstrations. • Video captures showing responsive design adaptations
LO3	Docker containerization	• Configuring Docker containers for the Django application. • Writing Docker files with multi-stage	• Docker configuration files (Dockerfile, docker-compose.yml) in the repository

		builds for optimization. • Creating docker-compose files for orchestrating multiple services	• Successful application builds and container logs. • Deployment documentation with step-by-step setup instructions. • Screenshots of running containers using Docker Desktop or CLI commands.
LO4	REST API	• Creating RESTful endpoints using Django REST Framework • Implementing proper HTTP methods (GET, POST, PUT, PATCH, DELETE). • Handling JSON requests and responses with serializers.	• API documentation using Postman collections or Swagger/OpenAPI. • JSON response examples with proper status codes. • Screenshots demonstrating functional integration between frontend and Django API.
LO5	Communication skills	• Presenting project progress updates in team meetings • Documenting code features with clear comments and docstrings. • Writing clear and descriptive commit messages in Git. • Explaining technical decisions and trade-offs to supervisors • Creating technical documentation for future developers.	• Project documentation including README files and technical guides. • Presentation slides from weekly or bi-weekly progress updates. • Feedback from supervisors on communication clarity and effectiveness. • Meeting minutes reflecting contributions to discussions.
LO6	Problem-solving and debugging skills	• Troubleshooting errors in Django backend using logging and debugging tools • Debugging JavaScript code	• Bug tracking records with detailed issue descriptions and resolutions. • Before/after screenshots of fixed UI/UX problems.

		• using browser developer tools. • Fixing Docker container problems related to dependencies and configurations	• Documented solutions in project wiki, README, or code comments. • Git commit history showing bug fixes with descriptive messages.
LO7	Database management	• Designing normalized database schemas and entity relationships. • Writing SQL queries through Django ORM for data retrieval. • Implementing data migrations for schema changes and optimizing database queries for improved performance. • Performing database backups and data integrity checks.	• Database schema diagrams and ER (Entity-Relationship) models. • Django migration files showing database structure evolution. • Functional database-driven features demonstrated on the website. • Screenshots of database tables with proper relationships.
LO8	Time management skill	• Planning sprint tasks using Agile methodology. • Using project management tools. • Breaking down complex features into smaller, manageable tasks • Estimating time for various development activities • Delivering work on schedule according to sprint timelines.	• Completed task lists and sprint boards with task status. • Project timeline documentation showing milestone achievements • Supervisor feedback on deadline adherence and time management • Screenshots of project management tool showing task completion rates.
LO9	Teamwork and collaboration skills	• Participating in daily stand-up meetings and sprint planning sessions. • Engaging in peer code reviews and providing constructive feedback.	• Meeting minutes from team discussions and sprint planning • Git commit history showing collaborative work through branches and pull requests

		• Contributing to group problem-solving and brainstorming sessions. Coordinating with team members on feature integration.	• Peer feedback on teamwork, collaboration quality, and code review contributions • Screenshots of pull request reviews and discussions • Team project completion records showing joint contributions
LO10	Learning new technologies	• Researching official documentation for Django, JavaScript libraries, and Docker. • Implementing new features based on supervisor and client feedback. • Learning and adopting new tools and frameworks as needed. • Staying updated with latest web development trends and best practices. • Experimenting with new JavaScript libraries and CSS frameworks	• Self-learning log or journal documenting new technologies explored. • Implementation of newly learned features and technologies in the project. • Documentation of challenges faced and how they were overcome. • Examples of refactored code using newly learned best practices
LO11	Critical thinking and analytical skills	• Analyzing multiple solutions to technical problems and selecting the most efficient approach. • Evaluating trade-offs between different technologies and frameworks. • Reviewing code quality and suggesting improvements during code reviews. • Assessing project requirements and proposing optimal implementation strategies.	• Documentation of technical decisions with justifications. • Supervisor feedback on decision-making quality and reasoning. • Examples of refactored code with explanations of improvements made.

London Metropolitan University   School of Computing

This form is approved by CDL academic supervisor

Academic Supervisor Name: Sandeep Gurung

Academic Supervisor Signature:

Date of Signature:

London Metropolitan University   School of Computing

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

LONDON
METROPOLITAN
UNIVERSITY

External Career Development Learning (PLACEMENT) PROVIDER HEALTH AND SAFETY CHECKLIST

Name of the Placement Provider (Company name):
Placement site Supervisor:
Supervisor's Position:
Address:
Email:
Telephone:

		Yes	No
1	Do you have a written Health & Safety policy?		
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?		
3	Is the organization registered with? (tick as appropriate) (a) the Health & Safety Executive or (b) the Local Authority Environmental Health Department		
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?		
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?		
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.		

The above statements are true to the best of my knowledge and belief.

Signed on behalf of the company with the company stamp:

Name:

Signature:

Date: