

Dear Hiring Manager,

I am currently pursuing a Master of Applied Computing at Wilfrid Laurier University, Waterloo, Kitchener, Ontario, Canada with a strong foundation in Software Development, Data Science, Artificial Intelligence, Cloud Computing, Machine Learning, Full-Stack Development, and DevOps. I am expected to complete my degree in April 2027.

I am writing to express my strong interest in a **Summer 2026 full-time internship (May–August)** can relocate in Summer, and a part-time (24 hours/week) opportunity in-person within the Waterloo/Kitchener area, or remotely in the fields of Data Science, Artificial Intelligence, Machine Learning, Cloud Computing, DevOps, Software Engineering, Full Stack Development, or Consulting outside of Summer term. With a solid foundation in computer science, cloud technologies, and applied machine learning, I am eager to contribute to innovative projects while gaining real-world industry experience.

During my **6-week AI/ML internship with Edunet Foundation (IBM SkillsBuild)**, I gained hands-on experience across the entire machine learning lifecycle — from **data preprocessing and feature engineering to model training, evaluation, and deployment**. As a capstone, I developed an **Employee Salary Prediction Model** using scikit-learn, XGBoost, Gradient Boosting, and SVM, and deployed it with Streamlit and Ngrok. This internship strengthened both my technical expertise and my ability to apply machine learning to solve real-world business problems.

Beyond this internship, I have continued to build strong technical skills and complete impactful projects, such as:

- **Employee Salary Prediction Model**

Using Python for EDA, feature engineering, and modeling with scikit-learn, XGBoost, Gradient Boosting, SVM, and deployed it with Streamlit.

- **Data Science Job Simulation- Boston Consulting Group**

Understanding the business and frame the problem, EDA, Excel, Tableau, Feature Engineering, Modeling and Evaluation, Insights and Recommendations

- **GenAI Job Simulation - Boston Consulting Group (BCG)**

Data extraction and initial analysis, Developing an AI-powered financial chatbot

- **Handwritten Digit Recognition using MNIST Dataset**

Python programming, PyTorch basics, neural networks, data preprocessing, model training and optimization, and data visualization with matplotlib and seaborn.

- **Deploy a Scalable Web Application on AWS with CI/CD and Monitoring**

Developed a scalable web application on AWS using EC2, S3, RDS, and CloudWatch, automated infrastructure with Terraform and Ansible, implemented CI/CD with GitHub Actions, and set up monitoring with Prometheus and Grafana."

- **Google Advanced Data Analytics Capstone**

Using Advanced Analytics, Machine Learning Methods, Predictive Modeling, Data Storytelling, Statistical Analysis, Artificial Intelligence, Project Portfolio Management, Business Analysis, Python Programming, Data Analysis, Data Visualization, and Regression Analysis.

- **Meta Back-end Developer Capstone Project**

Using RESTful API development, MySQL, software and unit testing, web and full-stack development, server-side programming, API design, user accounts, databases, and Django.

- **Strategy Consulting Job Simulation - Boston Consulting Group**

Understanding the business and frame the problem, Market Research, Financial Modeling, Consumer Survey Design, Data Analysis, Knowing your Audience, Summarizing your Finding

- **Data Analytics Job Simulation - Deloitte**

Data analysis, Forensic Technology, Excel, EDA, Python.

- **Build a Serverless Web Application using AWS**

Lambda, Amazon API Gateway, AWS Amplify, Amazon DynamoDB, and Amazon Cognito

I have also pursued industry-recognized certifications, including **AWS Certified Cloud Solution Architect – Associate**, **AI Fundamentals (IBM)**, **Google Advanced Data Analytics Specialization**, **Meta Back-End Developer Specialization**, **Data science job simulation (BCG, Deloitte)** and **Kubernetes/Docker/DevOps (KodeKloud)**, reflecting my commitment to staying current with evolving technologies and best practices.

What excites me most about this opportunity is the chance to contribute meaningfully to **data-driven decision-making and scalable technology solutions**, while working in an environment that values **innovation, collaboration, and continuous learning**. My combination of technical expertise, cloud-native development skills, and consulting-focused experiences has prepared me to add value from day one.

In addition to my resume, I invite you to **explore my website at [adarshaghimire.com](https://adarshaghimire.com)** for more details, extended project portfolios, and research publications. A **single PDF containing all certifications** is also available upon request.

I would be thrilled to discuss how my skills and experiences align with your organization's needs. Thank you for considering my application. I look forward to the possibility of contributing to your team's success.

Sincerely,

Adarsha Ghimire

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