ADARSHA GHIMIRE

GRADUATE STUDENT

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PROFESSIONAL SUMMARY

Motto: "Transforming Data Into Intelligent Solutions — Where Machine Learning Meets The Power Of The Cloud."

Self-motivated Graduate Student and AWS Certified Solution Architect - Associate and results-driven AI, Machine Learning, Data Science, Full Stack-Python, and Cloud enthusiast with certifications from IBM, Google, Meta, and AWS, along with hands-on experience through advanced courses and job simulations program with Boston Consulting Group (BCG) and Deloitte. Completed a 6-week AI/ML internship with Edunet Foundation (IBM Skills), where I developed an Employee Salary Prediction model as a capstone project.

I bring strong problem-solving, communication skills, and the ability to adapt quickly in fast-paced, collaborative environments. I am seeking a full-time summer internship (May–Aug 2026) in GTA, Waterloo, or Kitchener, with availability for part-time (24 hrs/week) during Fall 2025–April 2027, as I complete my Master's by April 2027.

SKILLS

- **Programming & Development:** Python, Java, JavaScript, Golang, SQL, HTML/CSS, Django, Full Stack (Front-end & Back-end)

- **Machine Learning & AI:** Supervised/Unsupervised ML, Deep Learning, NLP, Generative AI, Pytorch, Feature Engineering, Model Development & Deployment.

- **Tools & Platforms:** Google Colab, Microsoft Office 365, MacOS/ Windows, Streamlit, Ngrok, Tableau, PowerBI, Notion, GPU

- **Cloud & DevOps:** AWS Architecting, Docker, Kubernetes, Git, Linux, Bash, PowerShell, DevOps (CI/CD, 12-Factor App)

- **Data Science & Analytics:** Data Analysis, EDA (pandas, numpy, matplotlib, seaborn, plotly), Regression, Statistics, Advanced Data Analytics

- **Network Engineering, Desktop Engineering, IT support, Data entry, Operation/Hardware Support**

EDUCATION

Master: Applied Computing, Expected in 04/2027
Wilfrid Laurier University - 75 University Ave W, Waterloo, ON N2L 3C5, Canada

Bachelor of Technology: Computer Engineering , 11/2023
Jain University - Bangalore, India
Overall US official Authority GPA Conversion 3.90/4.0

- Artificial Intelligence and ML Topper 87/100
- Introduction to Data Science Topper 84/100
- Mathematics- I (Calculus) Topper 98/100
- Mathematics- II (Linear Algebra) Topper 95/100
- Cloud web services Lab Topper (AWS) 94/100
- OOP using Java Topper 98/100
- Database Management Systems Lab Topper 98/100

Diploma: Computing, 09/2015
Sydney Institute of Business & Technology (SIBT) - Sydney, Australia

EXPERIENCE

AI/ML Intern, 06/2025 - 07/2025
Edunet Foundation, IBM – Remote
Completed a 6-week AI & ML internship with AICTE, Edunet Foundation, and IBM SkillsBuild, earning IBM certifications in AI, ML, NLP, Ethics, and Generative AI. As a capstone, developed an Employee Salary Prediction model covering EDA, feature engineering, model training (Logistic Regression, Decision Tree, Random Forest, XGBoost, SVM, etc.), and deployment via Streamlit and Ngrok. Gained end-to-end ML lifecycle experience using scikit-learn, pandas, numpy, matplotlib, seaborn, plotly, and Google Colab.

Assistant Officer Technical (IT Engineer), 03/2024 - 09/2024
Chitwan Medical College Ltd – Bharatpur, Nepal
Provided comprehensive IT support in a hospital setting across departments including pathology, radiology, pharmacy, and laboratories. Experienced in network engineering (DHCP, DNS, VLANs), server administration, and desktop support, with hands-on skills in troubleshooting, scripting, and medical equipment maintenance. Delivered help desk and CRM support, managed healthcare data with

accuracy, and performed data analysis to assist clinical and operational decision-making while ensuring compliance with safety and performance standards.

PROJECTS

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

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.

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.

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

LICENSES/CERTIFICATIONS

AWS Certified Cloud Solution Architect - Associate **(AWS)** , AI Fundamentals **(IBM)** , 6 Weeks AI/ML Internship **(Edunet, IBM)** , Google Advanced Data Analytics Specialization **(Google)** , Meta Back-End Developer Specialization **(Meta)** , Data Science Job Simulation **(Boston Consulting Group)** , GenAI Job Simulation **(Boston Consulting Group)** , Strategy Consulting Job Simulation **(Boston Consulting Group)** , Introduction to Data for Decision Makers Job Simulation **(Boston Consulting Group)** , Data Analytics Job Simulation **(Deloitte),** Kubernetes, Docker, Git, Golang, Linux, Python, Shell Scripting, DevOps **(KodeKloud)** , Introduction to Data Engineering **(DeepLearning.AI)**

RESEARCH & PUBLICATION

- **Hybrid Algorithm for Real-Time Sign Language Detection system**
  Published in IEEE International Conference on Networks, Multimedia and Information Technology NMITCON-2023) (IEEE Xplore Digital Library)

  This research paper suggests a machine learning-based system designed to interpret sign languages in real-time from a video feed to help deaf
  and hard of hearing individuals overcome communication barriers.

  Link: https://ieeexplore.ieee.org/document/10276188

- **Scaling Cafeteria Management Application Using Cloud Load Balancer"**
  Published in the International Journal of Innovative Research in Technology (IJIRT)

  Link: https://ijirt.org/Article?manuscript=159260