

# AMIT RAWAT

WINDSOR, ON N9B 2R7

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## SUMMARY

**A detail-oriented problem solver seeking to provide innovative solutions and drive business growth. Ready to help team achieve company goals.**

## SKILLS

- Cloud Hosting
- Apache/NGINX Web Server
- Linux (Bash)
- Version Control Systems (Git), CI/CD
- Strong problem-solving skills and ability to work in a team environment
- NOSQL (MongoDB)
- SOAP/Restful Web Services
- Fluency in C, C++
- Java, C#
- AWS
- Good communication and interpersonal skills
- DBMS (MySQL, PostgreSQL)
- Server-side: PHP, JavaScript (Node.js), Python(Flask)
- Deep Learning (PyTorch, TensorFlow, Keras)
- Highly motivated and willing to learn new technologies

## PROJECTS

### Image Restoration using Deep Learning

- Deep learning project for high-quality image restoration using neural networks in PyTorch.
- Processed images with Pillow Library and handled data with NumPy and Pandas.
- Created a Flask app wrapped in UWSGI connected to NGINX to process input and produce results.

### Full-Stack Food Ordering System.

- Developed a full-stack solution using PHP, MySQL, HTML, JavaScript, and CSS to improve the food ordering process in workplaces and universities.

### University Forum Website

- Developed a full-stack project using PHP, MySQL, HTML, JavaScript, and CSS to provide a forum for university students and staff.

## ACCOMPLISHMENTS

### TCS Inframind II

- Participated in a hackathon and automated the creation of IAM, S3, VPC, Subnet, ELB, EC2 instances.
- Scheduled Shutdown, backup, and API Gateway on AWS cloud platform using IaC tool CloudFormation engine.
- Wrote custom Python scripts to automate the unsupported parts by AWS CloudFormation.
- Automated the process to increase efficiency and reliability in creating application environments.

## ***EDUCATION***

**MASTER OF ENGINEERING** Electrical and Computer Engineering

University of Windsor

*Windsor, ON, December 2022*

**BACHELOR OF ENGINEERING** Computer Engineering

Gujarat Technological University

*India, August 2020*

## ***CERTIFICATIONS***

**Deep Learning Specialization by Andrew Ng** at Coursera via deeplearning.ai

- Neural Networks, CNNs, Sequence Models
- Regularization and Optimization

## ***EXPERIENCE***

**NATIONAL SERVICE SCHEME (NSS)**

*Volunteer | India | August 2016 - August 2018*

- Assisted with special events or programs.
- Maintained clean, neat and operational facilities to serve program needs.