AMIT RAWAT

WINDSOR, ON N9B 2R7

226-975-4730 | amitrawat@smartfolio.me

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

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 IaaC 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.

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.

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

SOCIAL ACTIVITY

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.

INTERESTS

- Music & Art: Learning piano and 3D Modelling(Blender).
- Technology: Programming and troubleshooting.
- Hobbies: Reading mysteries and solving logic puzzles.
- Sports: Cycling and swimming.