

## SKILLS

Version Control: **Git**; Programming: **Python, Java, C++, JavaScript, SQL**; **Linux kernel, Bash**; Data Science, Machine Learning: **Pandas, PyTorch, TensorFlow**; Web Framework: **Flask, Node**; **Computer Aided Design**.

## EXPERIENCE

- o **Field Technician** – Focal Systems: *St. John's, NL, Canada* *Sept 2022 - Present*
  - Installed, maintained, and repaired state of the art retail automation equipment.
  - Inspected and tested equipment, diagnosed and located circuits, maintained component systems.
  - Provided support during field visit, managed installations on site.
- o **Actor/Stunt Performer** – ACTRA Newfoundland: *St. John's, NL, Canada* *Aug 2022 - Present*
  - Performed acting and stunt roles for Newfoundland based productions.
  - Studied scripts, and coordinated with to identify the best way to perform stunt roles.
  - Rehearsed stunts with safety gear and performed in front of cameras and audience.
- o **Business Analyst** – ChainSys Corporation: *Grand Ledge, Michigan, USA* *Jan 2022 – Aug 2022*
  - Developed data migration solutions for clients using Smart Data Platform.
  - Analyzed and customized software to achieve operational efficiency.
  - Provide training, technical, and functional support for clients in the North America region.
- o **Web Developer** – PR Information Technologies: *Bengaluru, India* *Jan 2021 – Dec 2021*
  - Consulted with board members, monitored performance, and delivered client orders.
  - Created logos, email newsletters, and websites using HTML, CSS, JavaScript and Flask framework.
  - Enabled small businesses and individuals establish and grow their online presence.
- o **Managing Partner** – NTL Hotels Group: *Tamil Nadu, India* *Jan 2021 – Dec 2021*
  - Consulted with board members, reviewed assets and liabilities, and monitored business performance.
  - Updated company website, managed advertising, and supervised daily operations.
  - Implemented COVID-19 protocols, organized vaccine drive and reopened for business after lockdown.

## EDUCATION

- o **Bachelor of Science** – Memorial University of Newfoundland: *St. John's, NL* *Sept 2017 – Dec 2023*
  - Major: Computer Science

## PROJECTS

- o [PerfectForm:](#) *Apr 2023*
  - Python app using MediaPipe and OpenCV; Analyzes and optimizes exercise posture.
- o [tarun010.pythonanywhere.com:](#) *Aug 2021*
  - Responsive portfolio website; Flask framework; Blog app; GitHub and Formspree REST API.
- o [trading-bot-simulator:](#) *Jul 2021*
  - Cryptocurrency paper-trading bot; Kraken REST API – Receives OHLC data and buys/sells.
- o [ML-Classification:](#) *May 2021*
  - Group project; Data pre-processing; Hyper-parameter tuning; Model performance over dataset.
- o [quoridor:](#) *Dec 2020*
  - Group project: Software Engineering course; Quoridor board game; Java; Unit testing.

## VOLUNTEERING EXPERIENCE

- o COVID-19 Vaccination Drive – NTL Hotels Group: *Palani, India* *Jul 2021*
  - Organized vaccination camps for employees with authorization from the District Deputy Commissioner.
- o Student Volunteer Bureau – Memorial University of Newfoundland: *St. John's, NL* *Aug 2020*
  - Volunteer Incentive Program – **Bronze Level**.

## INTERESTS AND ACHIEVEMENTS

- o **Bronze Award:** [Developer Bootcamp – Hack Frost NL](#) (*Aug 2021*).
- o Multiple languages: **English, Russian, Hindi, Tamil**.
- o Mixed Martial Arts: **Brazilian Jiu-Jitsu, Goju-Ryu Karate, Kickboxing, Wrestling**.
- o **Artificial Intelligence, Machine Learning, Sentiment Analysis**, High Frequency and **Algorithmic Trading**, **Quantitative Finance**, Geopolitics, Economics, **Blockchain**, Cryptocurrency, **Cybersecurity**.