

SKILLS

Version Control - **Git**; **Linux kernel**, **Bash**; Data Science – **Pandas**, **Numpy**, **Matplotlib**, **TensorFlow**, **SciKit-Learn**; Computer Programming - **Python**, **Java**, **C++**, **JavaScript**, **SQL**; Web Development - **Flask**, **Node**.

EXPERIENCE

- **Web Developer** – PR Information Technologies: *Remote, TN, India.* *Jan 2021 – Present*
 - Created logos, email newsletters, and websites using HTML, CSS, JavaScript and Flask framework.
 - Consulted with board members, monitored performance, and delivered client orders.
 - Enabled small businesses and individuals establish and grow their online presence.
- **Managing Partner** – Hotel Nalapakam: *Palani, TN, India.* *Jan 2021 – Present*
 - 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.
- **Warehouse Associate** – Sobeys Inc: *Mount Pearl, NL, Canada.* *Jun 2020 – Nov 2020*
 - Essential worker during 2020 COVID-19 crisis, completed WHMIS, pallet-jack and forklift training.
 - Collaborated with teams, assembled orders for shipping and receiving.
 - Operated heavy machinery and enforced factory floor safety protocols.
- **Research Assistant** – Faculty of Education, Memorial University: *St. John's, NL, Canada.* *Jun 2018 – Aug 2020*
 - Prepared academic surveys for Dr. Dorothy Vaandering's research in the field of Restorative Justice.
 - Updated the [Relationships First: Restorative Justice website](#) using HTML, CSS and Wix website builder.
 - Compiled and edited an academic research handbook: [Relationships First Implementation Guide](#).

EDUCATION

- **Bachelor of Science** – Memorial University of Newfoundland: *St. John's, NL, Canada.* *Sept 2017 – Dec 2022*
 - Major: Computer Science

PROJECTS

- tarun010.pythonanywhere.com: *Aug 2021*
 - Responsive portfolio website; Flask framework; Blog app; GitHub and Formspree REST API.
- [trading-bot-simulator](#): *Jul 2021*
 - Cryptocurrency paper-trading bot; Kraken REST API – Receives OHLC data and buys/sells.
- [ML-Classification](#): *May 2021*
 - Group project; Data pre-processing; Hyper-parameter tuning; Model performance over dataset.
- [quoridor](#): *Dec 2020*
 - Group project: Software Engineering course; Quoridor board game; Java; Unit testing.
- [solidworks_projects](#): *Apr 2018*
 - Computer Aided Design; Dassault SolidWorks; Engineering Graphics.
- [typing_speed_calculator](#): *Dec 2015*
 - Group project: High School; MS-DOS application; C++; Calculates typing speed for sample text.

VOLUNTEERING EXPERIENCE

- COVID-19 Vaccination Drive – Hotel Nalapakam: *Palani, India.* *Jul 2021*
 - Organized vaccination camps for employees with authorization of District Magistrate of Palani District.
- Student Volunteer Bureau – Memorial University of Newfoundland: *St. John's, NL* *Aug 2020*
 - Volunteer Incentive Program – **Bronze Level**.

INTERESTS AND ACHIEVEMENTS

- **Third Place**: [Developer Bootcamp – Hack Frost NL](#) (*Aug 2021*).
- Investments in Exchange Traded Funds, day trading equities on National Stock Exchange of India. Used candlestick charts, fundamental and technical indicators to identify opportunities and trends.
- Multiple languages: **English, Russian, Hindi, Tamil**.
- Mixed Martial Arts: **Brazilian Jiu-Jitsu, Goju-Ryu Karate** - Brown Belt.
- **Artificial Intelligence, Machine Learning, Sentiment Analysis**, High Frequency and **Algorithmic Trading**, **Quantitative Finance**, Geopolitics, Keynesian Economics, **Blockchain**, Cryptocurrency, **Cybersecurity**.