

St. John's, NL, Canada

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Tarun Subramanian

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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 electronic equipment.
 - Inspect and test equipment, diagnose and locate circuit, component and other faults.
 - Provided support during field visit, managed installations on site.
 - o **Stunt Performer** – ACTRA Newfoundland: *St. John's, NL, Canada* *Aug 2022 - Present*
 - Performed stunt roles for Newfoundland television shows.
 - Studied scripts and plans under Stunt Coordinator 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.
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EDUCATION

- o **Bachelor of Science** – Memorial University of Newfoundland: *St. John's, NL* *Sept 2017 – Apr 2023 (Expected)*
 - Major: Computer Science
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PROJECTS

- 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.
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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**.
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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, Keynesian Economics, **Blockchain**, Cryptocurrency, **Cybersecurity**.