Tarun Subramanian

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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**; **Microsoft Office.**

EXPERIENCE

- **Managing Partner –** Hotel Nalapakam: *Palani – India.* *January 2021 – Present*
  - Reviewed and monitored financial activities, performance, and documentation.
  - Consulted and co-operated with board members and employees.
  - Organized COVID-19 vaccination camps for employees.
  - Designed the company website and managed social media advertising.
  - Supervised procurement of enterprise equipment and products.
  - Upgraded IT equipment and software for efficient business practices.
  - Implemented COVID-19 health protocols and reopened for business after lockdowns.

- **Managing Partner –** PR Information Technologies: *Palani, India.* *February 2021 – September 2021*
  - Reviewed performance and client orders.
  - Created websites for clients using HTML, CSS, JavaScript, and professional website builder tools.
  - Spawned Windows and Linux e-mail servers, and VPS servers.
  - Designed website banners, logos, and email newsletters.
  - Enabled small businesses and individuals establish and grow their online presence.

- **Fulfillment Associate –** Sobeys Inc**:** *Mount Pearl, Canada.* *July 2020 – November 2020*
  - Essential worker during 2020 COVID-19 crisis.
  - Completed WHMIS and powerjack training.
  - Assembled and selected orders for shipping and receiving to and from retail stores.
  - Ensured effective execution of all food safety guidelines in keeping with Sobeys policy.
  - Successfully collaborated with multiple teams to achieve objectives within deadlines.

- **Research Assistant –** Faculty of Education, Memorial University: *St. John's, Canada.* *June 2018 – August 2020*
  - Prepared and conducted academic surveys in the Primary Education field.
  - Updated the Relationships First website using HTML/CSS and Wix website builder.
  - Compiled and edited an academic research handbook: Relationships First Implementation Guide.
  - Managed video equipment and software for public events.
  - Utilized social media and analytics tools, managed advertisement campaigns.

EDUCATION

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

PROJECTS

  - trading-bot-simulator: Paper-trading bot that uses Kraken exchange's API to buy and sell cryptocurrency.
  - ML-Classification: Machine learning classification methods on a dataset to select the best performing model.
  - quoridor: Quoridor game implemented in Java. COMP 2005 Software Engineering course project.
  - tarun010.pythonanywhere.com: Responsive portfolio website that uses the Flask micro web framework.
  - typing_speed_calculator: An MS-DOS application that calculates the typing speed of a sample text.

VOLUNTEERING EXPERIENCE

  - Student Volunteer Bureau, MUN: Volunteer Incentive Program – **Bronze Level**.
  - COVID-19 Vaccination Drive: Palani Taluk – Organized transport to remote areas.

INTERESTS AND ACHIEVEMENTS

  - **Third Place**: Developer Bootcamp – Hack Frost NL.
  - 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, Natural Language Processing, **Sentiment Analysis**, **High Frequency Trading**, **Algorithmic Trading**, Geopolitics, Keynesian Economics.