Tarun Subramanian

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IMDb :imdb.com/name/nm14077221

SKILLS
Version Control: Git, SVN; Programming: JavaScript, Python, Java, C++, C, Rust; Full Stack Development: React, Django; Embedded Systems; Data Science & ML; OS: Linux, Windows, MacOS; Computer Aided Design.

EXPERIENCE

o **Production Assistant** - Panoramic Pictures: *St. John's, NL* *Sept 2023 - Oct 2023*
  - Coordinated transportation and accommodation arrangements for cast and crew.
  - Provided logistical and technical support to film crew and assisted with tasks and maintenance,
  - Managed distribution of production materials and handled clerical tasks under assistant directors.

o **Field Technician** – Focal Systems: *St. John's, NL* *Sept 2022 - June 2023*
  - 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 **Technical Support Assistant** – CITL, Memorial University: *St. John's, NL* *Aug 2022 - May 2023*
  - Assisted faculty and students in using multimedia equipment ensuring secure and efficient operations.
  - Maintained the Classroom Support help desk, addressing software and hardware issues.
  - Delivered multimedia equipment to classrooms, ensured secured setup for academic purposes.

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 **Managing Partner** – NTL Hotels Group: *Tamil Nadu, India* *Jan 2021 – Dec 2021*
  - Consulted with shareholders, 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 Wine Quality Prediction: *Dec 2023*
  - Exploration of data preparation techniques for wine quality prediction.
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.

INTERESTS AND ACHIEVEMENTS
o **Bronze Award**: Developer Bootcamp – Hack Frost NL *(Aug 2021)*.
o Multiple languages: **English, Ukrainian, Hindi, Tamil**.
o Mixed Martial Arts: **Brazilian Jiu-Jitsu, Goju-Ryu Karate, Kickboxing, Wrestling.**
o **Artificial Intelligence, Machine Learning, Algorithmic Trading, Quantitative Finance, Economics, Blockchain, Cryptocurrency, Cybersecurity.**
o Emergency First Aid and CPR certification.