

Suryaa Rajinikanth

<https://Sury44.com>

CONTACT

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EDUCATION

Aug 2022 — May 2026

B.S. in Computer Science, The University of Maryland, College Park

College Park, MD

GPA: N/A

EXPERIENCE

Apr 2022 — Present

Marketplace Product Manager, TensorDock

Boston, MA

Full-Stack Developer April 2022 - May 2022:

- Added deployment features to growing cloud GPU platform using **SLURM, Kubernetes, Docker, Python, and JS**
- Helped grow company in monthly revenue by 100x over 6 months (7-figure valuation ~2022)

Marketplace Product Manager May 2022 - Present:

- Pioneered the development of TensorDock Marketplace
 - Product connecting independent hosts around the world with clients, slashing industry prices 10x
- Utilized **Openstack Nova and Open vSwitch**, enabling PCI pass through and secure accessibility over the internet for VMs on host servers
- Created AIO **Python** software for hosts to install dependencies, handle port forwarding, update software, manage VMs, and communicate with main database through **Rundeck**

Apr 2022 — Present

Software Engineering Intern, CSafe

Boston, MA

- Worked with Prof. Carl Hobert from Boston University and team to create a beta incident-reporting application
- Utilized **Flutter** to create multi-platform program on a single **Dart** code base
 - Worked with **Firebase Cloud Firestore** for authentication and database storage

Dec 2017 — Apr 2022

Software Co-Lead, Stormgears FIRST Robotics

Boxborough, MA

- Learned the fundamentals of OOP through programming autonomous functions on robots using **Java**. Helped manage a sub-team of 10 students.

PROJECTS

Jul 2022

Python Trading Bot w/ Sentiment Analysis

- Used PyAlgoTrade library to back trade on pre-existing yfinance data with a simple strategy that **outperformed buying and holding SPY over 20 years**
- Improved model by introducing sentiment analysis on the DistilBERT model to influence buy/sell/hold decisions at the end of each month using historical data from Twitter API

May 2022

Simple Portfolio Site

- Used Jekyll and GitHub to build and host a simple static website with my resume and a few projects.

SKILLS

Languages: Java, Python, C++, Dart, HTML/CSS/JS

Software: Openstack, SLURM, Flutter, Firebase, Kubernetes, Docker, OpenCV