Navendu Niranjan P

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EDUCATION

Indian Institute of Information Technology and Management Kerala
Master's Degree/Computer Science *Expected- 2022*
- Working with the Centre for Neuro-Artificial General Intelligence on memristive systems.

College of Engineering Chengannur
B.Tech/Electrical and Electronics Engineering *2019*
- Student representative of IEEE RAS Kerala Chapter (2017-18)
- IEEE SIGHT Coordinator, College of Engineering Chengannur (2017)

PROFESSIONAL EXPERIENCE

Layer5 **Austin, TX**
Software Engineer (Intern and Maintainer)- Golang, Docker, Kubernetes *March 2021- Present*
- Working on products to manage Service Mesh lifecycle. Internship provided through The Linux Foundation Mentorship Program by Cloud Native Computing Foundation. (My PRs)
- Lead developer of Meshery CLI working with 10+ contributors.
- Google Summer of Code Mentor for CNCF.

Mitsogo Inc **Kochi, KL**
Product Consultant *July 2019- January 2020*
- Worked as a consultant for Hexnode, helping organisations deploy MDM solutions to their workforce.

Electree Energy Solutions **Kottayam, KL**
Site Engineer (Part-time) *December 2018- May 2019*
- Installed PV systems working across the complete project lifecycle- from surveys to installation.

Bhabha Atomic Research Centre **Mumbai, MH**
Project Trainee *May 2018- August 2018*
- Developed an embedded system to accurately determine the position of the shaft of a resolver at high speeds.

PROJECTS

NSFW Filter **GitHub**
Browser Extension, Open-Source, TensorFlow JS, JavaScript *Website*
- Extension that uses Computer Vision in TFJS to filter out inappropriate images from the browser.
- Featured in Product Hunt, Javascript Weekly and App Inn. 2000+ downloads.

Teachable Machine **GitHub**
Open-Source, Computer Vision, TensorFlow JS, JavaScript *Website*
- A Computer Vision model that can be trained on the browser using a webcam.

Virtual Drums **GitHub**
Open-Source, Computer Vision, OpenCV, Python
- Built using OpenCV- detects the user's movements using a webcam and plays appropriate beats.

COVID 19 detection using chest X-rays **Link**
Computer Vision, Deep Learning, TensorFlow, Python
- A CNN model that uses chest X-rays to predict whether a person has COVID 19 with 99% accuracy.

SKILLS

Skills: Cloud-Native Development, Machine learning, Git, Mobile & Web development, REST and gRPC, Microservices, Service mesh, Technical writing

Languages: Golang, Python, JavaScript, Dart, Shell

Tools & Libraries: Docker, Kubernetes, Flutter, AWS(ECS & EKS), mongoDB, Firebase, PostgreSQL