

Gokulavasan Murali

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SUMMARY

- Seasoned Product Strategist.
- 5+ Years Experience in Full Life-Cycle Management of Products & Teams.
- Open-Source & Community Enthusiast.
- Experience in building Consumer, Deep-Tech and R&D products.

EXPERIENCES

- 1. Senior Software Engineer (R&D) - Pramati Technologies | Aug 2020 - Current**
 - Co-Leading projects for US clients.
 - Technology Domains - Geospatial, Data Engineering and Machine learning.
- 2. Individual Consultant | Aug 2019 - Mar 2020**
 - Consulting for product architecture and solution.
 - Advising logistics startups on product & team building.
- 3. Co-Founder and Chief Technology Officer - FLYTTA | Jan 2016 - July 2019**
 - AI Enabled Enterprise Relocation & Logistic SaaS Platform
 - Built products used by fortune 500 clients.
 - Led R&D on multiple IP Solutions.
 - Involved in overall company scaleup including brand building, operations, finance and marketing.
- 4. Product Developer - Future Focus Infotech Private Limited | Jul 2015 - Dec 2015**
 - Part-time member of the R&D team in building products for HR domain.
 - Built two products, an online programming contest platform and a visualisation tool for job boards.
- 5. Founder & Team Lead - Team Poseidon | Jan 2014 - Apr 2015**
 - The team worked on building an Autonomous underwater vehicle to perform complex tasks without human inputs and interventions.
 - I was responsible for building and training the AUV's imaging capabilities to map the environment underwater in a 3D structure using ROS.
- 6. Co-Founder & Technical Lead - Hindustan Mars Rover Team | Nov 2013 - May 2015**
 - Build and shipped two versions of Mars rover to take part at University rover challenge at The Mars Desert Research Station, Utah.
 - Led the team of 10 members working in various technologies like OpenCV to implement semi-guided rover transverse, ROS for ground station control, Repeater wifi antenna system for communication channel and various other life science, atmospheric and location centric sensor systems.
- 7. Intern - Grabby Tech | Apr 2013 - Jun 2013**
 - Graaby is a Universal Rewards program Product and I was working on implementing the search feature in the consumer application.

TECHNICAL KNOWLEDGE

Full-Stack & Mobile Development

Languages: C, Python, Angular, Ruby-on Rails, Node JS, PHP, JavaScript, Native Android.

Platforms: GCP, AWS, Heroku, SoftLayer(IBM), Azure.

Database: SQL, PostgreSQL, MongoDB, Oracle, DynamoDB.

Artificial Intelligence

Packages: TensorFlow & lite, PyTorch, FastAI, H2O, Keras, Pandas, Numpy, Scikit-learn.

Tools/platform: Jupyter, Paperspace, AWS, Google Collab.

Robotics

Software: Robot Operating System(ROS), QT, Processing, OpenCV, Arduino, MATLAB, Unity.

Hardware: Arduino, Raspberry pi, NVidia JTK1 and Intel microprocessors.

Geospatial

Softwares/Services: QGIS, OSM, Mapbox, USGS Earthexplorer, Leaflet, Carto, Sentinelsat.

Packages: EO-Learn, Shapely, GDAL, Geopandas, PyProj.

Visualization, AR, Design

Photoshop, Sketch, Avocode, QT Designer, Invision Studio, ThreeJS, D3, ARjs, GLjs.

COMMUNITY

PyCon India | Organiser & Speaker | 2018 & 2019

Hyderabad Python User group | Core Team & Speaker | 2017 - 2019

AI Saturdays | Ambassador & Researcher | 2018

Google Developer Group Vijayawada | Core Team & Speaker | 2013 - 2015

ACM ICPC Nationals | Organizer & Contestant | 2014 & 2015

IET PATW Asia Finals | Organizer | 2015

TEDxHindustanUniversity | Organizer | 2015

Bluescreen Programming Club | Mentor | 2015

Google Student Network | Core Team | 2014

Kinitos Mobile Programming Club | Founder | 2013

EDUCATION

1. Hindustan University - Bachelor of Technology - Computer Sciences and Engineering | 2012 - 2016

2. Kendriya Vidyalaya CLRI – School & Junior College.

Languages known: English, Hindi, Tamil.

Nationality: Indian