

EDUCATION



B. Tech | National Institute of Technology Karnataka, Surathkal (NITK)

Mechanical Engineering | 9.36 CGPA | 2014 - 2018

Class 12 | 97.50% | 2014

Class 10 | 97.12% | 2012



Responsive Web Design: HTML, CSS & Bootstrap^[1] | Udemy | Apr 2020

AWS Cloud Practitioner Essentials^[2] | AWS Training | Nov 2019

Cloud Fundamentals^[3] | Microsoft on edX | Nov 2019

Networking Foundations^[4] | LinkedIn Learning | Nov 2019

SKILLS



Web & Programming: UX, HTML, CSS, UI, C++, OpenCV, Documentation, Markdown, Content Creation

IT: Cloud, AWS, Ansible & Docker Basics, Linux & Windows OS, Cyber Security, VirtualBox, Raspberry Pi, ERP JDE



Soft Skills: Retail, Dispersed Team Work, Network Planning, Dealer Management, Trainer, Advanced Excel & Word

Mechanical Engineering: Product Design, Modeling, CATIA, ANSYS, AutoCAD, CAE

EXPERIENCE



Retail: Network Planner and Area Sales Manager

Hindustan Petroleum Corporation Limited (A Govt of India Enterprise)

July 2018 - Present, 1 year 8 months

- Business head for two districts-Udupi and Chikmagalur, spread over 11,000 sq km, handling 50+ dealerships
- Introduced a new approach: "Sales Analysis with Maps", which was implemented in HPCL, pan India. See Papers below.
- Used radically different and engaging approach, in training of petrol station personnel

PROJECTS & PAPERS



Deploying Containers with Ansible on AWS | [Github](#)^[5] | Feb 2020

Used Docker and AWS to serve a static page. Server deployment done with Ansible Script.



Know Your Fuel Price C++ | [Github](#)^[6] | Jan 2020

Customer Service Application to provide information on fuel pricing at a location. Based on lat/longs without Maps API usage.

Solved Find the nearest point problem by a different approach.



Sales Analysis with Maps: Technical Paper Presentation | Dec 2019

Paper presented at Urjalekh Platform of HPCL Yuvantage 4.0, Marketing & Sales Category. Well received and implemented in Retail SBU, pan India.



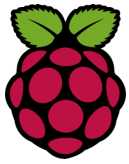
License Plate Recognition with OpenCV & AWS | [Github](#)^[7] | Nov 2019

Powerful tool to recognise license plates as text data for customer/sales analytics. Implemented to be particularly used in Retail Fuel Stations, where knowledge on customer base is minimum.



Visual Programming Language with Automate^[8] | Nov 2019

Built & Published customized flows to automate routine tasks on an Android Phone



Decoding IR Remotes-LIRC and Raspberry Pi | 2017

Used IR emitter and receiver on RPi to enable Smart IOT capability to home devices

INTERNSHIPS



Summer Intern | PepsiCo | Punjab

May 2017 - July 2017, 2 months

Manufacturing process and cost optimisation of services at Channo Snacks Plant



Research Intern | Indian Institute of Science | Bengaluru

May 2016 - July 2016, 2 months

FEM Mesh Relaxation Algorithm in C++: Prof Ramsharan, Dept of Mechanical Engineering

WORKSHOPS, AWARDS & HOBBIES



- **Web Design UI/UX Reviewer** | [NITK IRIS](#)^[9]
- [askubuntu.com](#)^[10] | Community Volunteer, Ubuntu Linux Support Forum
- **Ethical Hacking** | Workshop at Engineer, NITK Technical Fest | 2015
- **Best Outgoing Student, Cultural Champion** | Class 10
- **Fine Arts** | National Level Painting Competitions
- **Kannada Language Editorial Board** | Shoreline College Magazine | 2018
- **NITK Placement Gyan 2018** | Documentation | 2017-2018
- Logo Designing, Badminton

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Udupi | Karnataka | India

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 github.com/yakshaG

 hackerrank.com/in_vivek_g