VIVEK G

Web | Programming | Cloud | Retail | Designer

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.
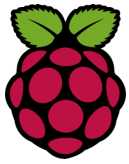
License Plate Recognition with OpenCV & AWS | Github[7] | Nov 2019

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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