VIVEK G

Web | Programming | Cloud | Retail | Design

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
JavaScript[2] | Udemy & MDN | May 2020
AWS Cloud Practitioner Essentials [3] | AWS Training | Nov 2019
Cloud Fundamentals [4] | Microsoft on edX | Nov 2019
Networking Foundations [5] | LinkedIn Learning | Nov 2019

SKILLS

Web: UX, HTML, CSS, Bootstrap, JavaScript, UI, AdobeXD, Wireframing & Prototyping, Responsive Design

IT & DevOps: C++, OpenCV, Documentation, Markdown, Content Creation**,** AWS, Ansible & Docker Basics, Linux & Windows OS, Cyber Security, VirtualBox, Raspberry Pi, ERP JDE

Core & Soft Skills: Retail, Dispersed Team Work, Network Planning, Dealer Management, Trainer, Advanced Excel & Word, 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, 2 years

- Business head for sales volume >10,000 kL fuel per month across 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

We Speak! TTS WebApp with WebSpeech API | Github[6] **| Jun 2020**
Built a WebApp that can be used to proof-read articles, listen to news, text and more

HCI: Where Modern UX Fails | LinkedIn[7] **| Jun 2020**
Article outlining user research carried out while designing an internal application for users with minimal digital background

UX/UI Audit of NITK IRIS[8] | Feb 2020
Carried out usability audit of specific modules. Recommended best industry practices for mobile and desktop

Deploying Containers with Ansible on AWS | Github[9] | Feb 2020
Used Docker and AWS to serve a static page. Server deployment done with Ansible Script

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[10] | 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[11] | 2016-Present
Built & Published customized flows to automate routine tasks on an Android Phone

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

- **Fine Arts** | National Level Painting Competitions
- **askubuntu.com** [12] | Community Volunteer, Ubuntu Linux Support Forum
- **Ethical Hacking** | Workshop at Engineer, NITK Technical Fest | 2015
- **Best Outgoing Student, Cultural Champion** | Class 10
- **Kannada Language Editorial Board** | Shoreline College Magazine | 2018
- **NITK Placement Gyan 2018** | Documentation | 2017-2018
- Logo Designing, Badminton

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