

Languages and Technologies

Languages: C, C++, java, Sql, html, css, javascript, VHDL, python, php, Qt

Concepts: Data Structure, Algorithms, Linux, Big Data, Cloud Computing, File System, Map Layers(remote sensing), Windows

Libraries: openlayers2 and 3, PyQt, Qtsql, geocoder, chartJS, QtGIS

Other/Tools: Visual C++, Dev Cpp, wordpress, blender, MySQL, Micro-controller(8085), Arduino, AtMega8(developer board)

Technical Experience

Project Work:

- **Continues Access Governance:** This project started at my training period, **CAG** software use to monitoring all critical access.
- **WebGIS Application:** The project was carried out at ISRO, Jodhpur as a part of 60 days summer training.. Under this project, a WebGIS application was developed using Open Source tools to visualize Live Temperature and Humidity data received from a **crowdsourcing, Internet of Things (IoT)** application.
- **Billing System for a Private Firm, Maa Vaishno Devi Securities, Jodhpur:** This system has been developed on PyQt (Python-Qt) with the help of Qt designer. System can generate a bill using sql table's data. An Employee can modify or generate a new bill and owner can modify table data of employee list and login profiles.

Model Papers:

- **Big Data:** What is Big Data? What is characteristics of Big Data? What is technique to manage the big data? How it is profitable in real world?
- **Data Structure:** what is data and its structure? How any data structure store data? What kind of need for different data structure. How any data structure reduces the complexity of any program?

Academic

Bikaner, India

Government Engineering College Bikaner

July 2013 - June 2017

- B.Tech in Computer Science Engineering.
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Data Structures; Programming Languages: C/C++/JAVA; Computer Architecture; Engineering Entrepreneurship; Computer Networks; Unix/Linux; Digital logic design; Computer Graphics; Digital language; Compiler; Communication system; etc.

Online-duolingo.com

Duolingo

Now 2015 - Present

- Duolingo is an online website for learning languages.
- Coursework: German language.

Working Status

Associated Software Engineer

Confluxsys Private Limited

July 2017 – present

- I was join as Trainee software engineer. Now I'm working as associated software engineer.

Freelancing on Software projects

upwork.com

Sep 2016 – July 2017

- Project: Billing System.

ISRO, India

RRSC-W

June 2016 - Present

we created a software to show a map and this Software can switch between map layers and as well as add layers. To develop this software, we use QtGIS library. I'm helping my friends to work on other libraries.

Extra-Curricular & Achievements

Certification

- Certificate of Coordination of AICTE 2016 conference by ACM Chapter Event, Udaipur Chapter.
- Certificate of Coordination of workshop on Cloud Computing & Big Data and Mobile robotics.
- Certificate of Merit in Arduino workshop by IIT Bombay.

Additional Experience & Awards

- Found the technical club in our college namely Tech CLUB, ECB and Robotics CLUB, ECB.
- Start a trend in which college student share his knowledge with school student namely "For digitalization we do it..."
- Start a Student Conference in which Students present the paper model.

References

1. Gaurav Kumar

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