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Language and Technologies

Languages: C, C++, java, **MySQL**, html, css, javascript, VHDL, **python**, **php**, **Qt**.

Concepts: Data Structure, Algorithms, Linux, Big Data, Cloud Computing, File System, **Map Layers(remote-sensing)**, Windows, **IOT**, **Hashing and Salting**.

Libraries: openlayers2 and 3, PyQt, QSql, geocoder, chartJS, QtGis, sqlite3.

Other/Tools: Visual C++, Dev cpp, Wordpress, Blender, MySQL, Micro-controller(8085), Arduino, AtMega8.

Technical Experience

Project Work:

- **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 **crowd-sourcing**, **Internet of Things(IoT)** application.
- **Inventory Application for Central Arid Zone Research Institute:** This web application keeps a tab on the inventory of plants available in various nurseries across Jodhpur district. The technology used is a combination of **PHP**, **JS** and **MySQL**.
- **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 of firm can modify table data of Employee list and login profiles.
- **Medicines Stock Management System for ESI Hospital, Boranada:** This System has been developing in **PHP**. System can Open Account as per requirement and manage their medicine inventory with account balance.

Model Paper:

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

Technical Experience

Bikaner, Rajasthan, India	Govt. Engineering College Bikaner	July 2013-June 2017
<ul style="list-style-type: none">• B.Tech in Computer Science and Engineering.• Undergraduate Coursework: Operating System; Database; Algorithms; Programming Languages: C/C++/java; Computer Architecture; Engineering Entrepreneurship; Computer Networking; Computer Graphics; Compiler Designing; Communication System; Digital Logic Design; etc.		
Online-duolingo.com	Duolingo	Nov 2015 - Present
<ul style="list-style-type: none">• Duolingo is an online website for learning languages.• Coursework: German Language.		

Present Working Status

Freelancing on software projects	upwork.com	Sept 2016 – Present
<ul style="list-style-type: none">• Work as freelancer		

Project: Billing System, Map Application Using **QtGIS**.

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

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