Dewangshu PANDIT

Software Engineer | Developer

in linkedin.com/in/dewangshu-pandit-51132771   **%** devwangshu.github.io/
☐ +91 7870249601   **@** devwangshu@gmail.com
⚲ Dhanbad, Jharkhand   **i** India

I always want to be a part of an organization which enhances my potential to the extent where I could be responsible and a successful professional.

💼 PROFESSIONAL EXPERIENCE

Apr-2018
Till Date

CSIR-Central Institute of Mining and Fuel Research,Dhanbad | Software Engineer, P.A.L-III, Developer
> Full Stack Development
> Python Web app development,Database Management, Networking
> Digital Mine using Internet of Things (IoT)
> Weather Monitoring System using temperature,humidity,PM2.5,PM10 etc sensor
> Soil Health Monitoring System
> URL : "`http://www.cimfr.nic.in`"

`PyCharm` `python` `Django` `HTML5` `CSS3` `Bootstrap` `Jquery` `AJAX` `Matplotlib` `MySql` `PHP` `Arduino` `ESP8266` `RasberryPi`

Mar-2016
Apr-2018

Lexicon Consultants Pvt Ltd, Ranchi, |, Asst. Software Engg.
> Front-end and Back-end development,CMS, UI/UX design, Android development
> Institute Management System
> Online Examination Portal
> Stock and Inventory Application
> Office Management System
> Society Management Application
> Personal Tracking System
> URL : "`http://www.lexiconconsultants.com`"

`NetBeans` `PHP` `HTML5` `CSS3` `Bootstrap` `Jquery` `AJAX` `.NET` `MySql` `c` `Java` `Android`

📖 PUBLICATIONS

2019   Patent No:0002NF2020 || Digital mine using Internet of Things || Dated:07-Jan-2020
2019   Patent No:0006NF2020 || Portable Weather and Environmental Monitoring System || Dated:09-Jan-2020
2019   Digital Mine Software - (DM) || Copyright

☰ SKILLS

Programming	**Python**, **PHP**, **Java**, Microsoft .Net (**C#**), **C**, C++, VB
Frameworks	Django, Codiegnitor, **ASP.NET MVC**, Angular 2, Angular 4, NodeJS, Spring
Scripting and Tools	JavaScript, JQuery, **AJAX**, HTML5, CSS3, Bootstrap, WordPress,Arduino,RasberryPi,Matplotlib,Octave,Matchine Learning
Database	MySQL,Microsoft SQL Server,Oracle, SQLite, PostgreSQL
OS,IDE and other	**Windows/Ubuntu,IntelliJ Idea**, **Visual Studio**, LAMP/WAMP, Ecllipse, Android Studio, NetBeans, git,github,BitBucket,AWS,Heroku
Hardware and Networking	PC/Laptop maintaince

troubleshoot,installation,LAN,WiFi setup

🎓 EDUCATION

2013
2016

MCA | Dept. of Maths and MCA , RANCHI UNIVERSITY, Ranchi
> CGPA-7.9 , Percentage-78.12
> Website:"`http://rumathmca.com/`"

`C` `C++` `Algo` `DS` `Software Engineering` `Java` `DBMS` `OS` `Computer Network` `Web Tech`

2012	B.Sc(IT)	NIIT Dhanbad , Kuvempu University, Karnataka

2012
2009

B.Sc(IT) | NIIT Dhanbad , KUVEMPU UNIVERSITY, Karnataka
> Grade-B , Percentage-65
> Website:"www.kuvempu.ac.in

`C` `Algo` `.net` `DS` `Software Engineering` `Java` `DBMS` `OS` `Networking` `ASP.NET` `SQL Server`

2006
2009

I.Sc. | Doranda College , RANCHI UNIVERSITY, Ranchi
> Percentage-60
> Website:"www.dorandacollege.com/

`PHY` `CHE` `MAT` `ENG` `ECO`

🖥 PROJECTS

DIGITAL MINE USING INTERNET OF THINGS (IOT) | R&D ,INDUSTRIAL PROJECT
2018 - 2020

🔗 comming soon   🔗 Demo

This project includes Miners Module(Keep online record of different miners of different Mine with role and hierarchy and attendance medical rules etc), Mine Gas Monitoring, Miners Tracking, Strata Module,Act/Rules/Regulations Module,Machine Health Monitoring etc.

`Python` `Django` `MySQL` `Google API` `Matplotlib` `AJAX` `JQuery` `HTML5` `CSS3`

WEATHER MONITORING SYSTEM | R&D ,INDUSTRIAL PROJECT
2018 - 2019

🔗 comming soon   🔗 Demo

This system is used as the automated weather station tool for the system development.It consist various sensors like Rain,Humidity,WindSpeed,WindDirection,PM2.5,PM10 etc , and data acquisition is done by wireless network display live data and generates different types of reports also predict using alog.

`Python` `Django` `MySQL` `Google API` `Matplotlib` `AJAX` `JQuery` `HTML5` `CSS3` `Android App`

INSTITUTE MANAGEMENT SYSTEM | ERP PROJECT
2016 - 2018

🔗 www.imsportal.in

An ERP Software system in which you can run and manage multiple institution/school/college.In this system you can access Staff details,Staff/student leave system,HRMS,attendence,payroll,teacher timetable etc

`PHP` `CodeIgnitor` `MySQL` `JQuery` `HTML5` `CSS3` `Bootstrap` `AJAX`

GRAMIN MITRA | (E-GOVERMENT PROJECT)
2019 - 2020

🔗 www.graminmitra.in

This is the e-Goverment project sponsored by MeiTY that facilitate the Setting-up of Information and Facilitation Centre for Empowering Living of Schedule Caste and other in Jharkhand State and also provide gramin-e-bazar for sell/purchase rural products

`PHP` `WordPress` `MySQL` `JQuery` `HTML5` `CSS3`

JHARKHAND MILK FEDERATION | TRACKING PROJECT
2017 - 2018

🔗 http://jmf.lexiconcpl.com/

This is a tracking application keep track of current location and other details like speed,distance calculation and many more

`PHP` `CodeIgnitor` `MySQL` `JQuery` `HTML5` `CSS3` `Bootstrap` `Android`

ONLINE EXAMINATION SYSTEM | ERP EXAM PORTAL
2017 - 2018

🔗 http://cybernet.testcorner.in/TestBundlETest/home

This project inclueds online test for different subjects,modules,stream like bank PO,clerk,other govt comp. exam for free as well as paid membership

`PHP` `CodeIgnitor` `MySQL` `JQuery` `HTML5` `CSS3` `Bootstrap` `AJAX` `Web Service`

OFFICE MANAGEMENT SYSTEM | ERP PORTAL
2016 - 2018

🔗 http://oms.lexiconcpl.com/

This project includes various modules kile EMS,Attendance,Payroll,Work Activity of Staff,Office Assets management,various reports etc.

`PHP` `CodeIgnitor` `MySQL` `JQuery` `HTML5` `CSS3` `Bootstrap` `AJAX` `Web Service`

🎓 TEACHING AND MENTORING

| April-2012 | NIIT Hazaribag Centre | Software Faculty , , |
| March-2013 | |

> Theory Classes

> Practical Classes

C | C++ | C | Java | ASP.NET | .net GUI Application | RDBMS | OS | Computer Network

🎓 CERTIFICATIONS

2019	Python Programming-A Concise Introduction		Wesleyan University		Verify : "`https://www.coursera.org/verify/Q572C8K7YS6C`
2019	Machine Learning		Stanford University		Verify : Comming Soon
2020	Python for Data Science		IIT Madras		Verify:Comming Soon

❝❝ REFERENCES

Dr.S.K.Chaulya || Scientist
CSIR, CIMFR
@   chaulyask@gmail.com
☎   +91 947 119 1387

Rajat Shyam || CEO
Lexicon Consultants Pvt Ltd, RANCHI
@   rajat.shyam@lexiconcpl.com
☎   +91 709 149 7553