

Dewangshu PANDIT

Software Engineer | Developer

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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 <ul style="list-style-type: none">> 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" <div>PyCharm python Django HTML5 CSS3 Bootstrap JQuery AJAX Matplotlib MySQL PHP Arduino ESP8266 RaspberryPi</div>
Mar-2016 Apr-2018	Lexicon Consultants Pvt Ltd, Ranchi, , Asst. Software Engg. <ul style="list-style-type: none">> 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" <div>NetBeans PHP HTML5 CSS3 Bootstrap JQuery AJAX .NET MySQL c Java Android</div>

PUBLICATIONS

2019	Digital Mine Software - (DM) Copyright
2019	Digital mine using Internet of Things Patent
2019	Portable Weather and Environment Monitoring System Patent

SKILLS

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

EDUCATION

2013	MCA Dept. of Maths and MCA , RANCHI UNIVERSITY, Ranchi
2016	<ul style="list-style-type: none">> CGPA-7.9 , Percentage-78.12> Website:"http://rumathmca.com/ <div>C C++ Algo DS Software Engineering Java DBMS OS Computer Network Web Tech</div>

2012	B.Sc(IT) NIIT Dhanbad , KUVEMPU UNIVERSITY, Karnataka
2009	> Grade-B , Percentage-65 > Website:" www.kuvempu.ac.in C Algo .net DS Software Engineering Java DBMS OS Networking ASP.NET SQL Server
2006	I.Sc. Doranda College , RANCHI UNIVERSITY, Ranchi
2009	> 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,attendance,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-Government 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 includes 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

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Rajat Shyam || CEO

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