

# Diwakar Indoria

16+ Years

Python, ReactJS, NodeJS

LAMP, MERN Stack

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## Skills Detail

- Strong analysis, software architecting, **scaling**, coding, querying, debugging and testing skills in LAMP, **Python, Node.js** in Backend and in frontend jQuery, **ReactJS** with experience. Also having knowledge of Angular(2+)
- **CNN**(Convolutional Neural Network) model development using **TensorFlow** (and Keras), **Machine Learning**, Big Data with **Hive**, Anaconda, **Matplotlib**, Computer Vision, **numpy**
- Architecting and designing software solutions for a variety of web applications.
- Strong command over web-service technologies and micro services or APIs.
- GDS implementation(pegs) for Hotel booking from scratch.
- Variety of Data Channel and Advertise technology Integrations (Ezyield, RateGain, SiteMinder, GoogleFinder, TripAdvisor, Feefo, Trivago, NetTrans, RateParity, RateTiger) implemented with development of SOAP server, SOAP client & Restful technology.

## Experience

### Full-Cycle (Indian subsidiary of Izenda Inc.) / Developer Lead

[Part of Logi Analytics, that is an **InsightSoftware** Company]

DEC 2019 - PRESENT,

#### Key Responsibilities:

- Checking/reviewing project staff work to ensure code accuracy.
- Ensuring developed code has stability, scalability and quality.
- Assembling and coordinating project staff.
- Sprint planning and task/ticket timelines.

### Work From Home / Technical Consultant

SEP 2017 - NOV 2019,

*[\* worked as freelance and contract both with multiple companies/clients]*

### Digital Ecom Techno Pvt. Ltd. / Manager Technology

FEB 2016 - SEP 2017, GURUGRAM

*[\* Feb to Apr 16 as Freelance Consultant]*

*[\* May to Jun 16 as C2H] Got offer letter to join in 2nd May 16*

*[\* Jul 16 to Feb 17, as Regular Employee]*

*[\* Mar 17 to Sept 17 as Freelance Consultant]*

Responsible for acting as a Manager Technology providing direction to and being in charge of the decision-making process for technical projects.

#### Key Responsibilities:

- Checking/reviewing project staff work to ensure accuracy.
- Ensuring cost effective solutions which are stable, scalable and supportable are implemented.
- Assembling and coordinating project staff.
- Reporting on the progress of the project to all stakeholders.
- Effectively communicating complex technical issues to non-technical & technical clients. Determining appropriate project resources and then putting them in place.
- Facilitating the resolution of project issues.
- Creating and maintaining metrics indicating the performance of a team.

### **KelltonTech Solutions Limited. / Tech Lead**

JUN 2014 - JAN 2016, GURUGRAM

Responsible for acting as a team or project leader providing direction to and being in charge of the decision-making process for technical projects.

### **Acknow Technologies Pvt. Ltd / Tech Lead**

NOV 2012 - MAY 2014, GURUGRAM

### **Freelancing / Technical Consultant**

FEB 2010 - OCT 2012, JAIPUR

### **Xieno E-Services Pvt. Ltd. / Project Manager**

MAY 2009 - FEB 2010, JAIPUR

### **eBizneeds / Tech Lead/SSE**

NOV 2008 - MAR 2009, JAIPUR

### **Octal Info Solution Pvt. Ltd / Team Leader**

NOV 2007 - NOV 2008, JAIPUR

### **Xieno E-Services / SSE/JE**

JAN 2006 - NOV 2008, JAIPUR

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## **Education**

### **M.C.A. / A.D.C.A. / P.G.D.C.A. from IGNOU**

Computers, JAIPUR

### **Rajasthan University / B.Sc.**

Chemistry, Zoology, Botany, ALWAR

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## **Professional Certifications**

- Honors diploma: Unix, C++, Sybase, QM from NIIT
- Certification Core Java from STG
- 6 Months training in Advance Java (beans, RMI, JSP, Servlets)
- Driverless Car Simulation, an AI implementation with Python, C++, CV, CNN, TensorFlow, numPy (UDACITY)

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## **Projects Undertaken**

(Few projects only)

### **Izenda: An Embedded BI and Data Analytics**

**Designation/Role:** SSE & Developer Lead

**Platform & Skills:** ReactJS, Python(Flask & NLQ), MySQL, PGSQL, Oracle, MSSql, DotNetCore, [spaCy](#), [nltk](#), numpy, solr, Highmap

**About Project:** Izenda is an application-based intelligence provider that brings critical data insights to end-users across industries. Using Izenda's embedded BI solutions, businesses can natively integrate analytics into their applications while conserving development resources and reducing time to market.

### **Driverless Car Simulation: AI implementation with autodrive car**

**Platform & Skills:** C++, Python (CNN with TensorFlow (and Keras), Deep Learning, Pandas, Anaconda, Matplotlib, Computer Vision, numpy)

**VTI: Vehicle Tracking System (by AT&T Inc.)****Designation/Role:** Technical Consultant**Platform & Skills:** Angular 5.5, Oracle, Python, Java (other team)**About Project:**

- Track the vehicle and build a report for moving track.
- Vehicle and driver analytics with success rate
- Provided technical consulting and guidance to the development team for webservice design and development of application.
- Identified opportunities for new architectural initiatives; made recommendations on the increasing scalability and robustness of web platforms and solutions.
- Acting as a Technical Mentor for Developers and Team members.

**QANDLE: Complete HR solution product****Designation/Role:** Manager Technology**Platform & Skills:** PHP(Lumen MVC framework) & MongoDB, AngularJS**About Project:**

- One stop solution for everything from hire to retire.
- Automated, personalized, and smooth onboarding
- E-signatures for paperless records management
- Reliable, comprehensive, and secure personnel records
- Streamlined exit process Key Responsibilities:
- Prepare, discuss and finalize database documents.
- Provided technical consulting and guidance to the development team for webservice design and development of application.
- Identified opportunities for new architectural initiatives; made recommendations on the increasing scalability and robustness of web platforms and solutions.
- Acting as a Technical Mentor for Developers and Team members.

**SIFPSA: mSehat (UP Government Mother & Child Care Department)****Designation/Role:** Tech Lead**Platform & Skills:** Python(Flask), PHP(Phalcon MVC framework) & MySql**About Project:**

In mSehat application beneficiary(pregnant woman, patient etc.) data will be captured by ASHA(Accredited Social Health Activist) and stored in the backend system as a separate entity. ASHA's data will be verified by ANM's for their incentive purposes.

**Key Responsibilities:**

- Prepared database schema and basic architecture for application.
- Prepared HLD(High Level Document) and ERD
- Provided technical consulting and guidance to the development team for webservice design and development of application.
- Identified opportunities for new architectural initiatives; made recommendations on the increasing scalability and robustness of web platforms and solutions.
- Acting as a Technical Mentor for Developers and Team members
- Accountable for Business Requirement evaluation & analysis, determining project scope, system design and handling build and testing activities.
- Leading Project Team and Managing the day-to-day activities of the projects, including overseeing project responsibilities & schedules.

**Groupon:** Ecommerce portal for India (Currently www.nearbuy.com)

**Designation/Role:** Tech Lead

**Platform & Skills:** Node.js & MySql, AngularJS, solr

**About Project:** This is an e-commerce portal that is prepared for India only. In this application users can search products by their categories, features, brand and price range. Coupon and promotion code also provided to give discounts and promote the website. Take the challenge to use new technology to create this application. Faced and resolved problems in this project that come to way due to use of immature technology(node.js). Website's load testing is successfully performed till **5000 hits/second**.

**Central Academy:** School Management Solution

**Designation/Role:** Technical Manager

**Platform & Skills:** ReactJS, PHP(Laravel) , Python, MySQL

**About Project:**

- Student Admissions, Academic session and Fee management
- Create Results, Generate Marksheets and TC
- Schools Accounts and HRM
- School Transport System
- School Assets and Provisions
- School center & Multi-branch student transfer
- Lesson plans, Student Growth and Parents app
- Complete Book-Store and Inventory Transfer between branches

**MunchADO:** Discover a new restaurant and food order

**Designation/Role:** Technical Consultant

**Platform & Skills:** PHP(Laravel) , MySQL, ReactJS

**About Project:**

- Implement new restaurants.
- Search for restaurant and food
- Choose any restaurant and order for food
- Search for food only and order
- Advanced ACL implementation for multiple roles

**THE PUBLIC SIDE:** Online version of Newspaper

**Designation/Role:** Technical Consultant

**Platform & Skills:** ReactJS, Python(Flask), MongoDB

**Cargo-Chief:** Shippers & Carriers Network

**Designation/Role:** Tech Lead

**Platform & Skills:** Python(Django), PHP(CodeIgniter) & MySql, AngularJS

**About Project:** Cargo Chief application is to connect shippers with carriers network.

**IBM O&M:** Digital Advertising Data Analysis & ETL for Ogilvy & Mather

**Designation/Role:** Tech Lead

**Platform & Skills:** Shell Script, Big Data Analysis and ETL using HIVE on IBM advertise analytics

**GVMS:** Club Mahindra Coupon Management System

**Designation/Role:** Tech Lead

**Platform & Skills:** PHP(CakePHP) & MySql

**Lead Reactor:** Online Survey & Advertisement Engine for EngageIQ

**Designation/Role:** Tech Lead

**Platform & Skills:** CakePHP, Python(Django), MySql

**DuPont:** 1. Red Club Portal 2. Market Unit Planning for DuPont (Pest-control and seeds)

**Designation/Role:** Tech Lead

**Platform & Skills:** DotNet(API) & MSSql Server, Website(CakePHP), Native app for Android and iPhone

**Think Hotels**

**Project:** Think Hotels [ hotel booking engine or hotel reservation product]

**Designation/Role:** Tech Lead

**Platform & Skills:** (Core PHP, JavaScript & MySql)

**1stServe** for League Tennis and Sports Authority

**Designation/Role:** SSE

**Platform & Skills:** (ASP, PHP & MS SQL Server 2000)

**Mortgage Financial Approvals** for Mortgage Choice Integrated Finance Ltd

**Designation/Role:** SSE

**Platform & Skills:** (Core PHP & MySql)

**Sphaera Pharma:** An application for Scientists for Sphaera Pharma Science Laboratories

**Designation/Role:** Tech Lead

**Platform & Skills:** (PHP & MySql) - Self Developed MVC Framework

**MybeanJar** for Innovaretech Inc. (USA) with BeanJar, Inc.

**Designation/Role:** Freelancer(Programming) and Project Coordinator

**Platform & Skills:** (PHP & MySql) - Self Developed MVC Framework

**About Project:** Online game website and smartphones game apps