WENCESLAUS DSILVA

Chief Technology Officer

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Skills

Laravel

PHP

HTML5

Angular

Flutter

Python

GIT

Linux

Shell Scripts

Cross Functional Team Leadership

Serverless

Team Management

JavaScript

Summary

Started programming from 5th grade helping my father with various bank based projects. Have worked independently and with teams. A go getter and out of the box thinker.

12+ years of experience of coding, project management, team management and architecture. Currently working withFood Darzee (3CAD Hospitality LLP) as the Chief Technology Officer.

Colleagues know me as a highly creative developer who can always be trusted to come up with a new approach or solution to a problem. I know client's business comes first, I never impose my ideas on to others. Instead, I spend understanding the business and the audience before suggesting ideas. I can (and often do).work alone, but I am at my best collaborating with others.

Work experience

2019-08 - Present

Chief Technology Officer
Food Darzee

Responsibilities & Achievements

- Handling multiple properties and projects
- Was actively involved in creating new product verticals
- Create ERP to automate some of the process
- Single handedly create inventory management system
- Handling multiple teams
- Optimizing and using new technologies for client website
- Using cost effective methods without compromising performance to deliver best experiance to the users
- Integrated DevOps using GitHub Actions
- Image optimization with Serveless
- 3rd party integrations with various client (PayTM, PhonePe, Axis Bank etc)
- Google Analytics 4
- Handling multiple teams in-house and outsourced

2019-02 - 2019-07

Chief Technology Officer
EasyTech Innovations Private Limited

Responsibilities & Achievements

- Handled client delivery for multiple ERP
- Worked on the SAAS product named OnFees which involved in taking payments from students for their fees and admission process
- Managed multiple teams to streamline management issues and delivery issues

2015-07 - 2018-12

Chief Technology Officer
IndieFolio Network Private Limited

Responsibilities & Achievements

- Architected and maintained more than 20 online properties without downtime.
- Single-handedly worked on the backend/API services for the main site i.e. www.indiefolio.com.
- Created Serverless (AWS Lambda) image handler to manipulate images
  - Image resizing, manipulation etc was done using serverless technology and reduce cost drastically
- Image color extractor
  - Pick colors from the images uploaded from user and create a color palette of the project
- Color Search Algorithm
  - Use elasticsearch and get projects using a particular color with a flexible range
    Used HSL and HSV color ranges to determine and match projects

Skills

NGINX

Project Management

RESTful API

ElasticSearch

Yii2 Framework

MySQL/MariaDB

Amazon Web Services

- Managed multiple inhouse teams and freelancers.
- Helped in planing and managing new projects and features.
- Worked on SEO with structured data
- Added and architected Google Analytics for all properties
- IndieFolio Creative Field CQ (Creative Quotient)
  - Using different parameters of the data for a particular user calculate a score using the interactions by other users to generate a CQ
  - This was for 110 creative fields and each user
  - The generated value for each creative fields was used to give a sort order
- Messaging
  - Real Time Messaging System created using websockets.
  - Using PHP and Oauth2 access token to validate users
  - RBAC for chat system

2015-01 - 2015-07

Sr. Web Developer

CouponDunia

Responsibilities & Achievements

- Architected and Developed CashBoss Android App and Backend.
- Worked on CouponDunia 3.0 Backend.
- RestFul API's for the Android App
- Yii2 Based backend and API's for internal team

2013-07 - 2014-11

Software Architect

ePaisa Services

Responsibilities & Achievements

- With actively involving in core group discussions, the present tasks I was managing and designing the web pages and overall development of the applications which includes the web application and the Mobile based Android application.
- Giving valuable inputs to bring in new technology and ideas to take the product forward in the changing trends in the market.
- Overall charge of maintaining and managing applications and Web servers and fine-tuning the same for optimal usage of the web applications and the mobile applications.
- Created PCI DSS compliant environment.
- Worked on other projects for sister company IdeaTree
  - Voodle
    - Voodle is a mobile app that automatically combines memories of friends and family by sequencing photos or other images into video.
    - Responsible for creating the AWS environment.
    - Create a render-farm for Blender to optimize cost and short operation time.
  - Dugna Security
    - Simple and secure way to verify your visitors. Multi-factor authentication (MFA) is a method of authentication that requires the use of more than one verification method and adds a critical second layer of security to user sign-ins and transactions. Now ask your visitors to confirm something they have (Dugna unique number/callback) apart from something they know (typically a password).
    - Server Setup
    - Application development
    - API development
    - Web Site
    - WordPress Plugin
    - Load testing.

2012-08 - 2013-02

Computer Programmer

Edugates

Responsibilities & Achievements

- Managed the development, maintenance, and back-end support on the in-house built School.
- Management Software.
- Also managed the School's I.T. Department and it's networking, Server

monitoring, printers, peripherals and domain controllers.

2009-12 - 2012-08	**COMPUTER PROGRAMMER**

MADAR Internation School

Responsibilities & Achievements

- Building the School Management Systems.
- Application build on Yii
- Created scripts to configure servers to publish code to different servers

2008-10 - 2009-10	**Analyst Programmer**

Tata consultancy services

Responsibilities & Achievements

- Worked on Quantum, SPSS and other tools to deliver analysed data.
- Analized multiple questionnaire and their data
- Used spreadsheets to automate some of the work
- Automated work using Shell Scripts

2007-10 - 2008-10	**Analyst Programmer**

WNS

Responsibilities & Achievements

- Worked on Data Analysis using Quantum, SPSS and other tools.
- Worked on multiple medical questionnaire data
- Automated work using Shell Scripts
- Earned highest number of productivity hours in a month
- Handled multiple projects simultaneously

2006-09 - 2007-10	**Junior Analyst**

WNS

Responsibilities & Achievements

- Worked on Data Analysis using Quantum, SPSS and other tools.

Education

2005 - 2006	**Bachelor of Science in Information Technology**

St. Andrews College

Class monitor

Took part in multiple college activities

Created labs for coding challenges

2002 - 2003	**HSC**

Vikas Junior College

IT Class leader

Host of multiple fashion shows

Winner of Quake 3 Arena tournament

2000 - 2001	**SSC**

St. Joseph High School

2 times Sports Champion

Certifications

2017 - 2017	**Complete Guide to Elasticsearch - License UC-X1QAUMNT**

udemy

Certificate

2013 - 2013   **Mapping with Google**
Google
Certificate

Open Source Projects

2020 -
Present

Yii2 Media Manager

Yii2 Framework Extension

Features

* Uploads to S3

* Complete managment of all assests

2020 -
Present

Audio Book Maker

Personal Project

Create Audiobooks from PDF

2020 -
Present

Yii2 Zoho Extension

Yii2 Framework Extension

Yii2 Zoho Client to integrate all api's from Zoho

2020 -
Present

Yii2 Project Template

Yii 2 Framework Template

Features

User Module, RBAC & 2FA - Yii2 Usaruio
OAuth2 Server Implementation - Yii2 OAuth2 Server
ElasticSearch Implementation - Yii2 ElasticSearch
ElasticSearch Logs - Yii2 ElasticSearch Log
ElasticSearch Debug - Yii2 ElasticSearch Debug
Enhanced Gii - Yii2 Enhanced Gii
Relationship Trait (Save Related Models) - Yii2 Relation Trait
RESTful APi Structure
ElasticSearch & Kibana
Local SSL - mkcert
Vagrant - Vagrant
Audit Trail - Yii2 Audit
AdminLTE Theme v3 (Added to the backend) - Yii2 Adminlte Asset

2014 - 2014   **DUKPT Key management and Triple DES Yii extension**

Yii 1.1 Framework Extension

DUKPT Implementation in Yii