Vikas Sharma

Senior Software Engineer

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Summary

Creative and energetic software engineer with 12 years of working experience, seeking a position in software industry, with a strong desire to utilize my skills and experience to make meaningful contributions to the team.

Experience

Funding Societies
Senior Software Engineer
Mar 2021 - Nov 2023

- Enabled market expansion to Thailand by integrating QR code payments using National payments APIs.
- Improved user journey by building REST APIs to support bulk investment features for high volume capital Investors.
- Built auto-repayment engine, to facilitate asynchronous processing of repayment wallet transactions in a nightly job automatically.
- Enabled better alignment for re-selling of credit notes by migrating Old industry classification on production data to cross-country standard classification.

https://fundingsocieties.com/

Deloitte
Senior Solution Advisor
Jan 2019 - Feb 2021

- Enabled effective monitoring of Solar Farms by providing real time insights and key metrics about efficiency and productivity in real time. Designed and built web app (frontend + backend) that would connect with IoT devices and present the bird eye view of all the inverters and panels.
- Improved UX by building backend processes to fetch data-points from Timeseries to RDMS, in order to support fast rendering of critical dashboards for specific time range.
- Made the system more resilient by building backend processes to automatically raise alarms in application to reduce the turnaround time and increase the availability of Inverters.
- Built automated data pipeline to consume xml data and transform it to custom relational schema to aid sports analytics platform.

https://www2.deloitte.com/in/en.html

Jukehaze (Sole proprietorship)
Owner
Apr 2017 - Oct 2018

Founded Web based - Social marketplace for artists

- Created a web app on which artists can upload their original music files and their fans can discover new music, as well as directly support them.
- Implemented edge rank algorithm on music stream (home page) to order songs based on the interaction (comments, likes, date of creation), with an intentional biased approach which gives more preference to newly uploaded songs.
- Used caching mechanism (Redis) and lazy loading on music stream (home page) in order to improve availability of web app.

Deloitte
Lead Solution Advisor
Jan 2015 - Mar 2017

- Designed and built scalable web app to monitor degree of compliance in various business processes (in client organization) and achieved compliance rate of 92% (from 80%) in the very first month of roll-out.
- Suggested and built work-list dashboard for employees (in client organization) in order to provide them a comprehensive look of their pending tasks with an option to quickly navigate to appropriate actions required.
- Built a tool to ease the process of risk assessment supporting control flow for users with different roles. Achieved 10% increase in number of cases handled with same resources.
- Designed and built online solution to process rebate claims after user verification, for an electricity provider company.

https://www2.deloitte.com/in/en.html

Accenture
Software Engineering Analyst
July 2014 - Jan 2015

Worked as Software Engineering Analyst

- Key skills Asp.net, MVC, WCF

https://www.accenture.com/

Wipro Technologies
Project Engineer
Aug 2011 - Jul 2014

- Built stores module of NexGen (Hospital Information System) to automate the process of indents and repository tracking of stores within the hospital.
- Suggested and built reports to show metrics of medicine usage with various filters.

https://www.wipro.com/

Education

Rayat Institute of Engineering and Information Technology (Punjab Technical University)
B.Tech - CSE
Computer Science Engineering
2007 - 2011

Projects

Otter
Desktop app to save bookmarks
Jun 2020 - Aug 2020

Created an open source cross platform desktop app to save bookmarks with ability to search them locally.

https://github.com/vikas3045/otter

Home media server
Media server to stream content within home network
Nov 2023

- Configured raspberry pi-3 to run ubuntu server.
- Installed Jellyfin open-source media server.

Internet of things
Basic home automation solution prototype
Jan 2016 - Mar 2016

- Created a web app to control 220 volt AC light over home network.
- Programmed esp8266 chip to serve a web page and to host a REST API to communicate with connected Relay switch (which is further connected to actual tube light switch).

Skills

Python	Javascript	C#	Sql
Redis	AngularJs	ReactJs	Circle Ci
Docker			

Interests

Music	Travelling	Internet of things

Certifications

OCA	MCP
(Oracle Certified Associate - Oracle 9i)	(Microsoft Certified Professional - MVC 5.0)

Awards

2 Spot awards
Deloitte