

Vikas Sharma

Senior Software Engineer

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.



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WORK EXPERIENCE

Funding Societies

Senior Software Engineer

(03/2021 - Present)

- Enabled market expansion to Thailand by integrating QR code payments using National payments APIs.
- Build REST APIs to support bulk investment features for high volume capital Investors.
- Build auto-repayment engine, to facilitate asynchronous processing of repayment wallet transactions in a nightly job automatically.

Deloitte

Senior Solution Advisor

(01/2019 - 02/2021)

- Design and build Single page application (frontend + backend) for monitoring real time data from IoT devices in a Solar Farm.
- Build backend processes to fetch data-points from Timeseries to RDMS, in order to support fast rendering of critical dashboards for specific time range.
- Build backend processes to automatically raise alarms in application to reduce the turnaround time and increase the availability of Inverters.
- Build automated data pipeline to consume xml data and transform it to custom relational schema to aid sports analytics platform.

Deloitte

Lead Solution Advisor

(01/2015 - 02/2017)

- Design and build 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.
- Suggest and build 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.
- Build 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.
- Design and build online solution to process rebate claims after user verification, for an electricity provider company.

Wipro Technologies

Project Engineer

(08/2011 - 07/2014)

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

SKILLS

Python	Javascript	C#	Sql
Redis	AngularJs	ReactJs	Circle Ci
Docker			

PERSONAL PROJECTS

Otter

Desktop app to save bookmarks

(06/2020 - 08/2020)

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

🔗 <https://github.com/vikas3045/otter>

Jukehaze

Web based - Social marketplace for artists

(01/2017 - 03/2018)

- 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.

Internet of things

Basic home automation solution prototype

(01/2016 - Present)

- 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).

AWARDS

2 Spot awards

Deloitte

EDUCATION

Rayat Institute of Engineering and Information Technology (Punjab Technical University)

B.Tech, CSE (2007 - 2011)

INTERESTS

Music	Travelling	Internet of things
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