

# Shubham Kotiya

SOFTWARE DEVELOPER

## Profile

Self driven, passionate software developer with total 2+ years of web development & research experience in Angular 8, & JavaScript development in software industries. Looking for great opportunity to work as full stack developer, explore technologies, consistent learning and professional growth.

## Employment History

### Web Developer, Engineer Philosophy, Indore

NOVEMBER 2019 – PRESENT

Worked well independently and on a team as a full stack JavaScript developer on Angular 8 and NodeJS. Responsible for handling clients, taking requirements & deliver solutions for technical & business problems on time.

#### Projects:

#### 1. Xcellen - ML/AI :

Description : Single handily developed a module from scratch for Xcellen project called ML/AI which uses machine learning algorithms for analyzing products sales data.

#### Responsibilities:

- Developed complete user interface of module from scratch using Angular 8 & bootstrap.
- Single handily managed international clients by doing daily interaction for gathering, understanding project requirements & giving best solutions in time.
- Coordinate with other team members for API's & python development of machine learning part.
- Developed various REST API's using express framework on top of NodeJS for data processing & operations like CRUD, File handling, Authorization etc.
- Designed Database for module from scratch using MySQL & SQLite for storing data used in module & uploaded files. Establish relationship between different tables.
- Integrated Angular Slick-grid library for better user experience.
- Heavily worked on & integrated Graphing library Plotly.js & implemented multiple graphs like Bar, Line, Scatter etc.
- Integrated & worked on Pivot-table.js, a library heavily used in data analysis with lots of features like mathematical computations & dynamic table to play with data & giving beautiful user experience.
- Research on Machine learning algorithms both supervised & unsupervised to understand project requirements. Integrated regression.js for calculating R-square values of algorithms applied by using regression approach in plotly charts.

Technologies & Tools used: Angular 8, Bootstrap 4, NodeJS, MySQL, Express, Plotly.js, Pivot-table.js, Slick-grid, RegressionJS, AWS console & S3 bucket, SQLite.

#### 2. Sales Target :

Description: Sales target is an enterprise application used for data analysis, data prediction and data storage of various pharmacy product sales. Developed sales target project by collaborating with an experience team member from scratch.

## Details

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DATE / PLACE OF BIRTH

1995-11-30

Indore,India

## Links

[Linkedin](#)

[HackerRank](#)

[YouTube](#)

## Skills

JavaScript

Angular 8

NodeJs

REST API

Git

## Languages

English

Hindi

#### Responsibilities:

- Daily interaction with Xcellen client for understanding requirements & giving solutions. Communicating & collaborating with team member for project development.
- Developed various modules of application like home, team listening & adding, configuration etc using Angular 8.
- Developed & integrating multiple REST API's in ExpressJS.
- Used Plotly.js charts to show data calculated by algorithms, applied regression algorithm.
- Integrated & worked on libraries on angular like Simple-stats, Ng-select, Iodash, regression etc.
- Worked on & implemented Ag-Grid for data representation on client side.
- Worked on MySQL database for development of various API's. Designed multiple tables & relationships among them for storing project's data.
- Worked on various libraries in NodeJS like Async.js, loadash, Nostradamus, multi-part.
- Developed challenging features like duplicating data of multiple tables in team duplicate feature, run multiple methods/algorithms where used recursion for executing about 15 algorithms one after another & saving their results in tables, combine weight feature, uploading excel file & storing data by making table dynamically on run time.

Technologies & Tools used: Angular 8, NodeJS, ExpressJS, MySQL, Ag-Grid, PlotlyJS, AsyncJS.

### **Trainee Software Engineer, InfoBeans Technologies, Indore**

OCTOBER 2018 – OCTOBER 2019

Started as a trainee software engineer, worked on research & development in Blockchain technologies like Ethereum, Hyperledger etc. Developed multiple Proof of concepts for company use cases using various technologies like Angular, Ionic 4, Azure cosmosDB, NodeJS etc which got selected for clients & won prizes for innovation.

#### Projects:

##### **1. Crowd Funding application:**

Description: This is a web application used for raising funds for a goal, specific cause for organizations like startups, donation camps etc. This application uses ethereum blockchain for storing & managing transactions.

#### Responsibilities:

- Research & Development on Ethereum blockchain.
- Developed Smart contracts in solidity programming language.
- Created private blockchain using Geth.
- Developed basic frontend using reactjs.
- Used various wallets for storing transactions like metamask, mist etc.
- Presented PoC to CEO of company.
- PoC got selected for client.

Technologies & Tools used: Ethereum, Geth, Putty, ReactJs, Solidity, MetaMask, Mist, Ethers.

##### **2. WalNet Pyament Application:**

Description: This application is a PWA (progressive web app) built for the purpose of innovation at company & for finding usecases in business. WallNet can work as hybrid app for doing transaction of currencies such as crypto like lumen & fiat currencies like dollars, ruppes etc.

#### Responsibilities:

- Collaborate with team mates & research on stellar blockchain.
- Developed UI using Ionic 4 on top of Angular 7 framework.
- Presented App at InfoBeans Innovation Day to international clients.
- Won the 1st prize for most innovating solutions in latest emerging technology.

Technologies & Tools used: Ionic 4, Cordova, Angular 7.

### 3. Database R&D:

Description : As a junior engineer, I was given a task to R&D on Azure cosmos DB & sql server database for finding the solution of migrating data over cloud.

Responsibilities:

- Understand existing database schema, test queries performance in sql server.
- Explore NoSQL database Azure cosmosDB created few containers in CosmosDB like tables of Sql server with same data format & size.
- Test query performance in CosmosDB, find ways of improvement & integration.
- I was able to create containers alike sql server table, and join cosmosDB container with other sql server's tables using OLE driver.
- Further I had used multithreading in C# to create a solution and divide the work in threads, after this R&D we were able to see improvement in query performance for same size of data.

Technologies & Tools used: Sql Server, Azure Cosmos DB, C#.

## Education

### Bachelor of Engineering, Swami Vivekananda College of Engineering, Indore

AUGUST 2014 – JUNE 2018

Graduated In June 2018 with 7.03 pointer.

### 10th, SKBVN, Indore

2012

Graduated in 2012 with 65 % from C.B.S.E.

### 10+2, SKBVN, Indore

2014

Graduated in 2014 with 58.4 % from C.B.S.E.

## Achievements & Activities

### Innovation Day 2018, Indore

JUNE 2018

Won 1st prize from CEO & president of InfoBeans Technology for most innovative application using blockchain.

### Youtuber

FEBRUARY 2019

A budding youtuber trying to spread his technical knowledge & life experiences through his youtube channel with name code with shubh.