

Sudhanshu Kumar Sinha

Software Developer

Passionate IT Engineer , Coder & Programmer by profession

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EDUCATION

Bachelor in Technology

Institute of Engineering and Management,
Kolkata

08/2015 - 06/2019

CGPA- 8.14

Stream

- Information Technology

High School

Paramount Academy

05/2012 - 03/2014

83.8%

Courses

- Science, Mathematics ,
Language

WORK EXPERIENCE

Systems Engineer Specialist

Infosys Ltd.

07/2019 - Present

Pune

Accomplishment/Responsibility

- Worked on product development for Finacle core banking solution.
- Design seamless **RESTful APIs** using Node.js and LoopBack for serving the request for generate customized banking products.
- Implement core business logic for backend functionalities alongside their **unit test** scenario and **frontend automation**.
- Independently develop the installable **CLI** version of the product using Node.js . To perform all application operations using command line.
- Develop multiple converter and generator tool with Python to simplify the tasks while maintaining the data integrity.
- Also worked on smart match application for US based logistic company.
- Develop the backend configurator to standardize the data while stream input from multiple sources via **kafka**.

CERTIFICATES

Infosys Full Stack Developer

Completion of Infosys training of Full Stack Developer in MEAN Stack and .NET Core Stack

MITx - Introduction to Computer Science and Programming using Python

NSDC- Data Analytics

NPTEL Online Certification - Cryptography and Network Security

SKILLS

Python

JavaScript

C#

Data Structure

OOPs

Algorithms

Node.js

Express.js

LoopBack

Angular 7

.NET Core

ASP.NET web API

MongoDB

SQL Server

Data Science

Git

Kafka

GraphQL

Cypress

PROJECTS

Product Configurator - Finacle (06/2020 - Present)

- Develop an application that create variety of customize banking schema code as per bank to bank requirements.
- These schema code consist global as well as variable banking features on the customize basis.
- Design the core backend functionalities as well as the installable CLI version of the application.
- **Technologies** :- Node.js , LoopBack, oeCloud, MongoDB, AngularJS, Python. This Project follows Full Stack Agile development.

SmartMatch Application - XPO Logistic (08/2019)

- Worked as a Full Stack Developer in this project. The aim of the project is to create an application that enhance matches between Loads(order/goods) and truck's carrier on the basis of their preference, boundaries and historical data.
- These matches help carrier to buy or bid on best possible trips to make convey of goods thus resulting in benefit both client and customer.
- **Technologies** :- Kafka, GraphQL, Java, C#,.NET Core, Angular 7, SQL Server and Shell Scripting. This project follows Full Stack Agile development.

Industrial Production Quality Prediction - Final Year Project

- Predict the quality and uniqueness of new products before starting manufacturing using Python, Machine Learning and Data Visualization technique with Spyder

EDU Banking application

- Full stack Agile development of banking application using SQL Server, .NET Core, ASP.NET web API, Angular 7, HTML, CSS, Bootstrap

ACHIEVEMENTS

In top 600 Qualifier of HackWithInfy-18 Hackathon organized by Infosys

AIR 946 in TCS CodeVita-18 pre-qualifier round

Qualifier of online pre-elimination round of Global Programming Competition, SnackDown 2019

4 Star Coder on CodeChef

INTERESTS

Competitive Coding

Playing Online Games

Reading Mythological stories

Dancing

Cooking