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 (1.8 YEAR +)

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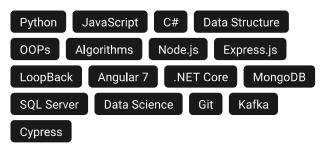
Infosys Full Stack Developer
Completion of Infosys training of Full Stack Developer in MEAN Stack and .NET Core Stack

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   MongoDB
SQL Server   Data Science   Git   Kafka
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