

# Suraj Srivastava

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## EDUCATION

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### EdYoda Digital University, India

Mar 2022 – Present

#### 6-Month Certification | Data Scientist Program

- Relevant coursework: Python Programming, Data Analysis, Data Wrangling & Visualization, Machine Learning

### PEC University of Technology, Chandigarh

Aug 2015 – Jun 2017

#### Master of Technology | Mechanical Engineering

- CGPA: 7.83/10
- Final Year Thesis: Analysis of Explosive welding simulation by Ansys/AutoCad Software.

### Lovely Professional University, Punjab

Aug 2011 – Jul 2015

#### Bachelor of Technology | Mechanical Engineering

- CGPA: 7.84/10
- Final Year Thesis: Supply chain management using ANOVA.

## WORK EXPERIENCE

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### Babu Banarasi Das Institute of Technology & Management, Lucknow

Jan 2018 – Present

#### Assistant Professor/Faculty

- Faculty Development Programme on “Introduction to the Technical / Engineering Drawing: A Pedagogical Approach” by Centre for Continuing Education at **IIT KANPUR**, Jul 2019/Coordinator
- Faculty Development Programme on “Manufacturing Technology & Automation” by Mechatronics Department, **AKTU**, Lucknow with AICTE, Jun 2019/Coordinator

## PROJECTS

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### Food Ordering App

Mar 2022 – Aug 2022

- Design a Food Ordering app for a restaurant
- Add new food items. Food Item will have the following details:
- FoodID //It should be generated automatically by the application.
- Name
- Quantity. For eg, 100ml, 250gm, 4pieces etc.
- Price
- Discount
- Stock. Amount left in stock in the restaurant.
- Edit food items using FoodID.
- View the list of all food items.
- Remove a food item from the menu using FoodID.

## Bank Account Manager

Mar 2022 – Aug 2022

- Create a class called Account which will be an abstract class for three other classes' i.e., checking Account.
- Savings Account and Business Account.
- Manage credits and debits from these accounts through an ATM style program.

## Quiz Maker

Mar 2022 – Aug 2022

- Make an application which takes various questions from a file, picked randomly, and puts together a quiz for students.
- Each quiz can be different and then reads a key to grade the quizzes.

## SKILLS & CERTIFICATIONS

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- **Programming Languages** – Python, Django, Pandas, Machine Learning
- **Databases** – MySQL, DSA basics, Framework, Data Wrangling & Visualization
- **Tools** – PyCharm, Jupyter, Visual Studio Code, Python IDLE, Google colab
- **Certifications** – Python

## AWARDS & ACHIEVEMENTS

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### NPTEL 1

Aug 2019

- NPTEL certification on “Teaching and Learning in Engineering (TALE)” by IISc Bangalore.

### NPTEL 2

Aug 2020

- NPTEL certification on “Non-Conventional Energy Resources” by IIT Madras.