Sanjeev Kumar   sanjeevnit01@gmail.com | +91 8292468340

Professional Summary

12+ years of experience in Data Science, AI, Software Development and leading technical teams

Technical Skills:

Artificial Intelligence and Data Science: Machine Learning, Deep Learning, NLP, Reinforcement Learning, Time Series, Computer Vision, Statistics & Probability, Optimization, Math Modeling, Game Theory, Blockchain

Data Analysis: TensorFlow, Keras, Tableau, Pandas, Matplotlib, Plotly, Plotly Dash, GGplot, Scikit-learn

Programming Languages: Python, JavaScript, Typescript, Dart, C++, R

Software Engineering Skills: Design Patterns, Data Structure, Algorithms, Agile, Scrum

Web and Mobile Frontend/ Backend Technologies: React, Flutter, HTML, CSS, Firebase , MySQL

Algonatics infoai	Noida, India

Title: Startup   May 2021 – Present

Responsible for gathering requirements, system analysis, design, development, testing and deployment.
Developed react and flutter based mobile app and backend using firebase
Developing telemedicine app using AI (CNN and OpenCV)

Comcast	Philadelphia, PA

Title: Senior Python Developer   Dec 2020 – Apr 2021

Developing restful API interface to the system to fetch system details for data analysis
Analyzed the data using statistics and machine learning methods, and write report to verify the customer getting appropriate speed
Produce data visualization using matplotlib, seaborn and Dash Plotly

Illinois Institute of Technology	Chicago, IL

Title: Machine Learning Engineer   May 2019 - Dec 2020

Implementation of SIR-SD-L model through statistics, math modeling and machine learning using python
Implementation of predictive modeling on timeseries data using CNN, RNN and autoencoder
Implementation of Q-learning and SARSA based model for algorithmic trading

Algonatics infoai	Noida, India

Title: Startup   Nov 2016 - Dec 2018

Worked for requirement analysis, development and maintenance of software projects and applied various machine learning algorithms
Involved in web and mobile app development

Family Business	Patna, India

May 2010 - Oct 2016

Manhattan Associates	Atlanta, USA/India

Title: Software Engineer   July, 2007 - April, 2010

Inventory Management Coding and Implementation, Debugging, Unit Testing, Code Review.
Using C++ and Python for backend development

Wipro Technologies	Bangalore, India

Title: Software Engineer   August, 2005 – July, 2007

Warehouse feature development in core modules. Designing feature document, Coding and Implementation, Debugging, Unit Testing, Code Review.

Education Details:

- Illinois Institute of Technology   Chicago, USA

Master of Science in Computation Decision Sciences and Operation Research, GPA 3.5/4

Jan 2019- Dec 2020

- National Institute of Technology   Durgapur, India

Bachelor of Technology in Information Technology, CGPA 70%   Aug 2001- May 2005