Kiran Kumar Roy

Computer Programmer

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🏠 Kolkata, India

Date: 26 April, 2023
Resume Link : https://github.com/kkroy22/reactme/blob/code/src/assets/Resume_Site.pdf

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I am a CSE graduate skilled in computer programming. In my past role I have worked in machine learning, website backend, and L1 blockchain protocol development.

Education

Govind Ballabh Pant Engineering College
An Autonomous College of Government of Uttarakhand

- BTECH in COMPUTER SCIENCE AND ENGINEERING - **2016**

Center for Development of Advanced Computing - Bengaluru
Ministry of Electronics & Information Technology Government of India
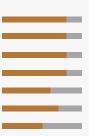
- POST GRADUATE DIPLOMA in BIG DATA ANALYTICS - **2017**

Tech Skills

- Rust Programming Language
- Linux (Debian)
- Git

Other Skills

- Asynchronous Programming
- Multithread Programming
- Machine Learning
- p2p
- Backend Development
- Python
- Docker

Work Experience

Senior Software Developer - Ahmedabad
Mar 2022 - Current
Involved in complete lifecycle of peer to peer software, along with a Principal Engineer and Research Scientist

Senior Developer (Data Science) - Gurugram
May 2019 – Mar 2022

- Backend Development(Rust) and execution of ETL, machine learning and linear programming application using java, python
- Data pipeline using talend

Machine Learning Engineer - Bengaluru
Nov 2017 – Apr 2019

- Complete development and deployment of ML/Computer Vision/NeuralNetwork models using Rest API, Python, Flask, OpenCV

Peresonal Projects

Software Design Pattern written in Rust
- github.com/kkroy22/rusto_pattern

Chasing raw pointers for general purpose data structures
- crates.io/crates/dsa_sport

Debian based Desktop environment (Linux Rice)
- github.com/kkroy22/xmachine

Academic Projects

Jun 2017 - Aug 2017
Python, Tensorflow, RNN-LSTM

character-level Neural Network model (RNN - LSTM - Tensorflow) to generate the next character sequence to produce new story sequence of the popular books (Harry Potter)

Aug 2015 - Jan 2016
Embedded C++, Matlab

Detecting Illegal bowling action from real time video input (Embedded c++, MatLab, Viola–Jones and Kanade–Lucas–Tomasi Algorithm) with 95% accuracy can be use with live match or training environment and replace current detection system which is costly and takes more time to produce result

Jul 2015
Android

Android application for taking geo-notes which send notification and reminders when the app user is in the geo-location where it saves that note.