Kiran Kumar Roy

Software Developer

Resume Link : https://kkroy22.github.io/reactme/static/media/Resume_Site.4b69099f.pdf

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🏠 Kolkata, India

I am a CSE graduate skilled in Backend, Machine Learning, and Databases. I'm a strong team player who can quickly learn and apply new technologies.

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 Languages — 80%
- Linux (Debian) — 80%
- PostgreSql — 80%
- Docker — 80%
- Git — 80%
- Redis — 80%

Other Skills

- Backend Development — 80%
- Microservices Development — 80%
- Machine Learning — 80%
- Data Structures — 60%
- Algorithm — 50%
- Python — 70%
- c++ — 50%
- Core Java — 50%
- RabbitMq — 50%
- MongoDb — 50%
- Python: Flask, FastApi, Django — 50%
- Multithread Programming — 80%
- System Designe — 50%
- Software Design Patterns — 50%
- Object Oriented Programming — 60%
- Asynchronous Programming — 80%
- Functional Programming — 70%

Work Experience

Senior Software Developer at Agpaytech Kolkata
Sept 2021 - Current Feb 2022
- Micro service written in Rust, Postgresql, Redis, Docker, Linux
- Backend development for KYC software
- Control panel capable of starting and stoping of any service from postman request

Senior Developer at Team Computers Gurugram
May 2019 – Aug 2021
- Backend for receiving CSV using Multithreaded Rust.
- Async execution of ETL application written in java
- Data Engineering and analysis using Java, Python, Knime, Talend

Machine Learning Engineer at Lucida Technologies Bengaluru
Nov 2017 – Apr 2019
- Development and deployment of ML 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.