Ashok Gupta

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EDUCATION

GGSIPU UNIVERSITY
B.TECH IN COMPUTER SCIENCE AND ENGINEERING
2014 - 2018 | Delhi
%age: 69

LINKS

Github:// ashok25395
LinkedIn:// ashok25395

COURSEWORK

UNDERGRADUATE

Advanced Design and Analysis of Algorithms
Operating Systems
Database Systems
Computer Networks
Computer Organization and Architecture

INDEPENDENT

CS 50 Introduction To Computer Science (Harvard)
CS 6.04J Design and Analysis of Algorithms (MIT OCW)
CS 229 Machine Learning(Stanford)

KEY SKILLS

C++ •Java•C•Data Structures •Algorithms •Spring Boot •Kafka •Sql •NoSq•Javascript•Angular 4+ •Hibernate•REST APIs

EXPERIENCE

DAWNBIT | SOFTWARE ENGINEERING

Oct 2018 – Current | Gurugram, IN

- Developed highly interactive microservice based web applications using Spring Boot, Netflix Eureka Server and API Gateway,Angular 4+.
- Integrated Apache Kafka with the application to publish and subscribe to stream of records sent by devices.

PROJECTS

INDUSTRIAL CRANE MANAGEMENT

Oct 2019 – Current

- Monitor cranes and can provide reports and analytics based on the data sent by cranes.
- Set up Micro service Architecture using Spring Boot.
- Used Spring Security with OAuth2 to build Authorization Server.
- Integrated Kafka and HA Proxy to process the stream of data send by the cranes.
- Worked on all the major modules in this application.

DAWNBIT MANUFACTURING RESOURCE PLANNING

Feb 2019 – Sept 2019

- Aims to provide streamline supply chain management system and maximize efficiency by eliminating manufacturing loopholes through custom ERP solution.
- Integrated email and sms with application.
- Integrated Schedular and WebSocket in application.

STREET LIGHT APPLICATION

Nov 2018 – Jan 2019

- Control,monitor and maintain streetlight/lamps and can provide reports and analytic s the data sent by streetlight/lamps.
- Wrote REST APIs to fetch all the metering data of the street light lamps using the device Id.
- Integrated Schedular and Websocket in application.
- Worked on Multithreading.

INTERNSHIP

GOBLLY | MACHINE LEARNING INTERN

May 2017 – Aug 2017 | Gurugram, IN

- Built an end to end machine learning pipeline to detect tumors by classifying the Brain MRI Images with an accuracy of 80%.
- Used machine learning models like SVM(Support Vector Machine) and Fuzzy Clustering.
- 80% of dataset is trained on the SVM algorithm and rest 20% is tested on kind of tumor (Malignant or Benign Tumor).