

# SurajKumar

## Contact

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## Programming

♥ Java  
JavaScript  
MySQL  
Python

## Web technology

Spring framework  
Hibernate  
Apache Kafka  
Java Messaging  
Service  
Event Sourcing  
Micro-Services  
CQRS

## Undergraduate

Operating Systems  
Data Structures and  
Algorithms  
Object Oriented  
Programming  
Machine Learning and  
AI  
Software Engineering  
Compilers  
Data Mining

## Links

Github:// suraj  
LinkedIn:// suraj  
Codechef:// suraj  
Hackerearth:// suraj  
HackerRank:// suraj

## Experience

2018–Now

**Care.com**

Bengaluru, India

*Software Engineer*

- Participating in Application architecture level discussion.
- Writing APIs to be consumed by Native apps keeping in mind the scale of thousands of users.
- Handling the vast number of Emails being sent to customers.
- Turning complex business use cases to simpler and reusable modules.

## Projects

2019

**Optimized Graph library**

Java

Contains various kinds of Graphs and algorithms on them. Plugin like support to add custom code.

2018

**Job Market-place**

Java Web app

A match-making web application with advanced search and messaging capabilities

2017

**Disease detection and Classification in Potatoes**

ML model

Detecting Diseases in Potatoes from their images and classify it to one of the six category using Convolutional Neural Network.

## Education

2014–2018

**B.Tech** in Computer Science [8.5]

Guru Ghasidas Central University

2010–2012

**Senior Secondary**

Maths with Computer Science [88%]

Kendriya Vidyalaya No 1

## Training

2018

**Web technology**

Apostek Softwares

A very thorough training on advanced Web technologies like Servlet API, Spring and Hibernate along with hands on projects.

2016

**Machine Learning**

Coursera

The MOOC by Andrew Ng was a thorough introduction to the Fundamentals of Machine Learning. Got lots of insights about the various models used for classification and Regression. Completing the homeworks was also a great learning experience.

## Interests

**Professional:** Using technology and science as a tool to solve interesting social and economical problems. Continuously learning newer things and honing existing skills so as to keep up with changing times.

**Personal:** Reading Crime Novels and Essays on life, society and Economy. Mathematical proofs, Numbers and Probability theory.