

# SurajKumar

## Contact

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## Programming

♥ Java  
Python  
JavaScript  
C++  
MySQL

## Web technology

Spring MVC  
Spring AOP  
Spring Boot  
Hibernate  
Servlet API  
Apache Kafka  
Elasticsearch  
Redis  
Micro-Services

## Undergraduate

Operating Systems  
Data Structures  
Algorithms  
OOPs  
Information Retrieval  
Machine Learning and  
AI  
Software Engineering  
Compilers  
Data Mining

## Links

Github  
LinkedIn  
Hackerearth  
HackerRank  
Codechef

## Experience

- 2018–Now **Care.com | Apostek** Bengaluru, India  
*Software Engineer*
- Contributing in high level project discussions.
  - Writing APIs to be consumed by Native apps keeping in mind the scale of thousands of users.
  - Integrated automated API documentation framework to generate multiple versions of an API using SpringFox.
  - Design complex business use cases as simpler and reusable modules.

## Projects

- 2020 **JsonTemplate** Java | Apache Jexl  
Allows template like support in JSON documents to be filled by data available in context.
- 2018 **Job Market-place** Java Web app | Hibernate | Spring MVC  
A match-making web application with search and messaging capabilities. Made using Servlet API and JDBC in order to get a good understanding of the internal processes used by web frameworks like Spring.
- 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** Kendriya Vidyalaya No 1  
Maths with Computer Science [88%]

## 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 home-works 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. Badminton, Mobile Games, Mathematical proofs, Numbers and Probability theory.