

# Sajan Kumar Shaw

*Learning enthusiast and strong engineering professional with a undergraduate focused in Computer Science and Engineering from Kalyani Govt. Engineering College. Competitive Programmer, Machine learning enthusiast and skilled in C++ and Java.*

*Looking for a full time job as a Software Development Engineer.*

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Portfolio-<https://sajan29.github.io/>

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## EDUCATION

**College: Kalyani Government Engineering College (2014-18)**

B.Tech - Computer Science and Engineering

CGPA: 8.37/10

**Higher Secondary Examination: Jagatdal Chasma-I-Rahamat High School(2012-2013)**

77.40% in 12<sup>th</sup>

**Secondary Examination: Vidya Vikash High School(2011)**

81.25% in 10<sup>th</sup>

## EXPERIENCE

**Tata Consultancy Services**

Assistant System Engineer-Trainee (July 2018-Present)

I am currently working in Spark and Hadoop Technologies.

**Member of Competitive Programming Club(KeyGenCoders-Kalyani Govt.Engg College)**

(July 2016-June 2018)

## CERTIFICATIONS

**Coursera:**

- Certification on Machine Learning authorized by Stanford University  
<https://www.coursera.org/account/accomplishments/certificate/24R57KAT6LBF>
- Certifications on Python authorized by University of Michigan  
<https://www.coursera.org/account/accomplishments/certificate/MRRNRTQHVXPH>

**TCS Codevita 2017(Competitive Programming Contest):**

- Secured a Global rank of 705 in 1st Round and 871 in 2nd Round  
[https://drive.google.com/file/d/1LDWJTGzh-RF9BUnXS32Pqz\\_ya\\_vEhXo/view](https://drive.google.com/file/d/1LDWJTGzh-RF9BUnXS32Pqz_ya_vEhXo/view)

**Codechef SnackDown 2017(Competitive Programming Contest):**

- Qualified and secured a rank of 3887 in pre-elimination round.  
<https://drive.google.com/file/d/0Bzyqa4dvccoqRENyLWhUNzhds28/view>

**Webtek Labs Pvt. Ltd:**

- Certification on Java/J2EE Technology from Webtek Labs Pvt.Ltd

## PROJECT

**Difference Between Cache Conscious and Cache Oblivious Algorithms(Final Year Project):**

Worked on optimising cache performance using various aspects of Cache Conscious and Cache Oblivious Data Structures. Languages used- C++,Python

**Hire A Cab:**

It is a Web Application built using Java/J2EE Technology.

<https://github.com/sajan29/HireACab>

**DTH Management Application(Training Period TCS):**

Web Application built using J2EE,AngularJS,SQL.

**Blog Application:**

It is a Web Application built using Django Framework.

[https://github.com/sajan29/Blog\\_App](https://github.com/sajan29/Blog_App)

**Pong Game:**

A game built using Turtle module of Python.

[https://github.com/sajan29/PongGame\\_Turtle](https://github.com/sajan29/PongGame_Turtle)

**Weather App, Wikipedia Viewer, Random Quote Machine:**

Developed Javascript Projects based on APIs related to the applications.

Link1-<https://codepen.io/sajan29/pen/ypbGKx>

Link2-<https://codepen.io/sajan29/pen/eyeRPp>

Link3-<https://codepen.io/sajan29/pen/mWVQvx>

**TECHNICAL SKILLS**

**Languages:** C, C++,Java,Python

**Subjects of Interest:** Data Structures and Algorithms,Machine Learning

**Frameworks:** JSP,Servlets,Django,Hive,Spark

**Web:** JQuery, Bootstrap, JavaScript, Git

**Software Tools:** Eclipse,IntelliJ

**LINKS**

**Hackerearth:** <https://www.hackerearth.com/@sajankumar>

**Hackerrank:** <https://www.hackerrank.com/sajan29>

**InterviewBit:** <https://www.interviewbit.com/profile/sajan29>