

# Sumit Roy

Looking for a full-time job as web development or software development engineer.

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## \*PROFESSIONAL PROFILE

Software Developer with a demonstrated history of working in the industry. Strong engineering professional with a Bachelor's degree focused in Computer Science from Kalyani Government Engineering College.

## \* EXPERIENCE

- Jan 2019 - Present* **BigBasket**  
**Software Developer**  
Optimising uploads by batch queuing with Kafka and implemented lock across machine with aerospike
- July 2018 - Dec 2018* **Cyware Labs**  
**Backend Developer**  
I worked on enterprise products related to cyber security as a Django developer gaining more expertise in product development. Optimized search using Elasticsearch and queries in Django.
- May 2017 - Aug 2017 (4 months)* **Hasura**  
**Product Development Intern**  
Built a code sharing and saving platform for developers also with a private mode to hide in searches using PostgreSQL's tsvector for efficient text search and CodeMirror API for code editor.
- July 2016 - Aug 2016 (2 months)* **SelectRooms**  
**Intern**  
Developed a scalable solution for maximizing the number of queries fetched through a server and storing them in the database while consuming low system resources using multiprocessing modules.

## \* EDUCATION

- 2014 - 2018* **Kalyani Government Engineering College**  
**Bachelor's degree, Computer Science,**  
It is an eight-semester course. My favorite subjects are Data Structures and Algorithms, Computer Networking, and Operating System. Overall DGPA is 7.52
- 2012-2014* **Deshbandhu Vidyalaya(Boys')**  
**HSC**  
I secured 80% in my higher secondary examination under Central Board of Secondary Education.
- 2011-2012* **Chittaranjan High School**  
**AISSE**  
I secured 80% in my secondary examination under West Bengal Board of Secondary Education.

## \* SKILLS

- **Language:** Python, Javascript, C
- **Software Tools:** Pycharm, Postman
- **Web:** Django, jQuery, Bootstrap, Node.js, Git
- **Subjects of Interest:** Data Structures, Operating System
- **Other:** Aerospike, Kafka, Redis, Celery

## \* PROJECTS

Nov, 2016 to Dec,  
2016

### URL Shortener

<https://chort.herokuapp.com>

It is a URL shortener using Django.

Jan, 2017 to Sep,  
2017

### College Website

<https://kgec.edu.in>

It is Django based college website with MySQL as a database. This is official website of our college.

May, 2017 to Aug,  
2017

### Snipcode

<https://github.com/sroy8091/snipcode>

A code saving and code sharing platform with a private mode option and optimized search with PostgreSQL.

Sep 2017 to July  
2018

### Generating Text Description From Image(Final Year Project)

An image caption generator using machine learning(CNN+RNN).

## \* TRAININGS

July, 2016 to Aug,  
2016

### Python Basics(Pygame)

Learned Pygame and build a game Maryo from Internshala

July, 2016 to Nov,  
2016

### Python for Everybody(Specialization)

A specialization course from University of Michigan(Coursera)

Sep, 2016 to Oct,  
2016

### Introduction to Modern Application Development

An introductory course for Node.js and other web technologies.

## \* CERTIFICATIONS

April 12, 2018

### AMCAT Certifications

Aspiring Minds

Programming-90.8 %ile, Computer Science-97.4 %ile, Quants-91.1 %ile, Logical- 83.9 %ile, English- 90.3 %ile  
According to my AMCAT scores, I am applicable for the following profiles: Software Engineer: IT Product,  
Software Engineer: IT Services

June 2018

### JavaScript Algorithms and Data Structures

[freeCodeCamp](https://www.freecodecamp.org/)

Completed freeCodeCamp course on Javascript Data Structures and Algorithms

## \* ACHIEVEMENTS

- Smart India Hackathon finalist under ISRO.
- Won 3rd prize in B-plan competition among top 10 finalists from different colleges.