

# Sarthak Chakraborty

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## WORK EXPERIENCE

### System Engineer

#### Tata Consultancy Services Limited

10/2018 - Present

Kolkata

- Developed responsive and cross-browser compatible UI for insurance portal using modern frontend frameworks Vue.js, HTML5, SAAS, Bootstrap4, jQuery.
- Implemented business logic in UI layer for secured gateways, routing. Experience in Object Oriented JavaScript, design patterns, Test Driven Development.
- Developed automated API testing using React.js, Node.js and Chai.js which reduced testing time by 60%.
- Designed REST API services using Node.js, MySQL, MongoDB, Redis Cache.
- Experience in AWS Deployment process with Cloudfront, EC2, S3 buckets.
- Was part of the project in all stages of the product life cycle from requirement phase to go-live phase.

## PROJECTS

### MakeURL - URL Shortner

- Tools used: React.js, Data Structures, Node.js, Firebase, GIT.
- <https://makeurl.github.io>.

### Covid-19 Tracker India with recovery reporter.

- Tools used: Vue.js, Node.js, GIT.
- <https://github.com/AmSarthak/Covid-19-case-Tracker-India>.

### DOTAGE CARE — Biomedical device

- Tools used: Python3, Arduino, C++, IOT, Machine Learning.

## EDUCATION

### Bachelor of Technology - Electrical Engineering

#### Meghnad Saha Institute of Tehnology

08/2014 - 07/2018

DGPA: 8.11

### Higher Secondary

#### Nava Nalanda High School

05/2012 - 05/2014

Percentage: 80%

- Mathematics, Statistics

## SKILLS

React.js	JavaScript
Node.js	AWS
HTML5	SASS
Material UI	Vue.js
MongoDB	Python
MySQL	GIT
Enzyme/Jest/Karma	Data Structure
Core Java	C++

## ACHIEVEMENTS

Winner in Texas Instruments, DST(Govt. of India) and IIM Bangalore organized IICDC 2017 among 5,049 teams for project DOTAGE CARE.

2nd prize - best prototype (state level) at Industry Academia Conclave by WBUT for project RETINA.

Certificate in Leadership from college Entrepreneurship cell.

Runner's up IET(UK) PATW contest- Kolkata network

## LANGUAGES

English	● ● ● ● ●
Bengali	● ● ● ● ●
Hindi	● ● ● ○ ○

## INTERESTS

Photography

Robotics

Startups