

# Siddharth Gusain

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## EDUCATION

GGSIPU

BTECH(ECE)

2016-2020 | New Delhi, India

Bhagwan Parshuram

Institute of Technology

GPA: 7.6 / 10.0

KENDRIYA VIDYALAYA

12TH(C.B.S.E)

2016 | New Delhi, India

Percentage: 93.8

10TH(C.B.S.E)

2014 | New Delhi, India

CGPA: 10.0/10.0

## LINKS

Github:// [siddharthgusain](#)

LinkedIn:// [siddharth-gusain](#)

Portfolio:// [Siddharth](#)

Hackerrank:// [Siddharth01](#)

GFG: [//siddharthgusain](#)

## COURSEWORK

Data Structures

Algorithms

Object Oriented Programming

Operating System

Web Development

Computer Networks

Database Management System

## SKILLS

PROGRAMMING

Experienced :

• C/C++ • Javascript

Intermediate:

• Python • Java(core)

Web tech :

• HTML • CSS • React

• Nodejs • Express.js

Familiar :

• OpenCV • Numpy

• Keras • Firebase

Databases:

• MYSQL • MongoDB

Others:

• Git • Github

## EXPERIENCE

YOUNG ENGINE™ | REACT DEVELOPER INTERN

Jun - July 2019 | New Delhi, India

- Designed and developed **reusable signup/login module**, Otp module, **Dashboard components** from scratch using **React**.
- Increased Site performance by **30%**(Chrome lighthouse score).
- User Authentication using **Google Oauth**, state management with **Redux**, integrated **Chat application** using **Socket.io**.

BHARAT ELECTRONICS LIMITED | SUMMER INTERN

July - Aug 2019 | New Delhi, India

- Developed IOT based solution for blind , **Object Detection** with **OpenCV**.
- **GPS module** and **Google maps API** is used for location details .

## PROJECTS

LETSCONNECT | SOCIAL NETWORKING WEBSITE

[Source code] | [LIVE]

- Designed and developed a web App having frontend with **Reactjs** , backend with **nodejs** , **Expressjs** , **MongoDB**.
- User can **follow/unfollow** , **share/view** new post , **login/logout** and **register** , **view** profile feature, post can be **liked/disliked** .
- Component state management with **React Hooks** and **Context API**.
- Instant **private messaging** feature built using **socket.io**.

SNAPCHAT CLONE | WEB APP

[Source code] | [LIVE]

- Frontend Built using **Reactjs**, state management with **Redux**.
- **Camera access** and image uploading to **firebase** storage.
- Data stored in **firestore** database , **login/logout** with **Google Oauth**

OPTIMAL PATH FINDER | AUTOMATION SCRIPT

[Source code ]

- A **browser** automation project using **Puppeteer** and **Node.js**.
- Generates **optimal path** from source to destination with various breakpoints in between, and generates **html(Map)** and a **PDF** report.
- Uses **Dijkstra Algorithm** to find shortest path.

SMART CITY PROTOTYPE | MAJOR PROJECT (TEAM: 5 MEMBERS)

[Source code ]

- Developed **8 automated modules** for day-to-day activities in a city .
- Density based **traffic solution** , automated **parking system**.
- Number Plate **Text recognition** with **OpenCV** and **tesseract** library.
- **Deep learning** model with **keras** for **human activity** recognition.

## ACHIEVEMENTS AND AWARDS

- **#49** institute rank in **geeksforgeeks** problem solving.
- **5 star** in **problem solving**, **gold badge** in **c/c++** in **hackerrank**.
- Participated in **Codeheat'18** , contributed to **Fossasia** website frontend.
- Contributed to **OpenGenus foundation** by writing technical articles.
- Among **top 5 teams** out of 30 others at **T-Hack(IEEE-NIEC hackthon)** .
- Awarded **Merit list Certificate** for securing **10.0/10.0** in 10th and for securing **Third Position** in 12th.