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 -Aug 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.