

MADHAV GABA

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EDUCATION

UIET, Panjab University
B.E. Computer Science *GPA: 7.86*

Chandigarh
2015 - 2019

EXPERIENCE

OneZeroEight Solutions Limited
Software Developer

Remote
Dec 2017 | Mar 2018

- Developed the plant for the planet web app from scratch.
- Organised multiple user information and data for tree donation tracking and service purposes.
- Created dashboard to list user activities and other projects running over the globe.
- Added animations for the Trillion Tree Campaign and leader board for plantations across different countries. The web app is accessible at <https://trilliontreecampaign.org>

Google Summer of Code
Software Developer AOSSIE

Remote
Apr 2018 | Aug 2018

- Developed a hybrid mobile app 'CarbonFootprint' that detects user's current activity and calculates amount of Co2 being emitted in detected activity.
- Added dashboard to keep track of Co2 saved/emitted so far by the user activities.
- Organized user information and added a friends section to connect with other users and see their respective activities.
- The entire project is open source, built on gitlab with react-native and redux being the technology stack. Link to the repository <https://gitlab.com/aossie/CarbonFootrpint-Mobile>

Gemini Solutions Private Limited
Technical Trainee

Gurugram
Jan 2019 | Present

- Technical Trainee for six months at Gemini solutions.
- Working on projects on MEAN stack.

SKILLS

Misc::	C, C++, Data-Structures, Algorithms
Technologies and Frameworks:	ReactJS, Redux, React-Native, Git, Linux, Firebase, Javascript, MEAN stack

PROJECTS

Energy Harversting using Internet Of Things *Python, OpenCV, Raspbian OS*

Automatic controlling of electric appliances being used in a room based on number of persons present using image detection and processing with OpenCV and Raspberry Pi

Find&Shoot : Webportal *JavaScript, Django, Bootstrap*

The web portal provides a single window clearance system for providing online approvals for Film Shooting permissions in Delhi including all types of services such as online payment, form upload and approvals, email and mobile notifications etc.

E-Richshaw Tracker *React-Native, Google-Sheets API*

Realtime tracker for E-Rickshaws in Panjab University, this is built with sim808 and arduino. The updates of location of E-Rickshaws are shown in the hybrid mobile app.

OTHER ACTIVITIES

ACM-ICPC Kolkata-Kanpur regionals

Got selected for the Kolkata-Kanpur onsite regionals

ACM-ICPC and Codechef
Dec 2017

Smart India Hackathon Final Round

Selected for the Smart India Hackathon Final round at Hyderabad

AICTE
Apr 2018

Google Code-In Mentor

Code-In mentor under AOSSIE for the session 2018-19

Google