

# SANSKAR MODI

**Github:** <https://github.com/s0nskar>

**Phone:** (+91) 783-934-6650

**Website:** <http://s0nskar.me/>

**Email:** [sanskarmodi97@gmail.com](mailto:sanskarmodi97@gmail.com)

## EDUCATION

- Indian Institute of Technology (BHU), Varanasi** July 2014 – Current
- B. Tech in Civil Engineering (Current CGPA: 7.15)
- Cambridge School, Gwalior** 2014
- All India Senior School Certificate Examination (Percentage: 88.4%)
- Border Security Force Sr. Sec. School, Gwalior** 2012
- All India Secondary School Examination (Percentage: 85.5%)

## SKILLS AND INTERESTS

- **Languages:** Python, JavaScript (ES6), C/C++. Familiar with Android, Octave.
- **Framework & Technologies:** Git, Django/Flask, Node.js, React/Redux, Express.js, Angular2, Electron.
- **Areas of Interest:** Full Stack Web Development, Application Development, Data Science

## TECHNICAL EXPERIENCE

- Zotsport** [\[Link\]](#) **Full Stack Developer** June, 2016 - Oct, 2016
- Restructured the frontend architecture from Django templates to React and Redux.
  - Created Component based UI with Material and Responsive design principal.
  - Created multiple API endpoints that provides data accessibility to external clients using DRF.
- Technex'16** [\[Link\]](#) **Tech Team** Oct, 2015 – Mar, 2016
- Created web application for online user and event registration and integrated payment gateway.
  - Automated the registration help desk for 5000+ participants.
- Curiosity'16 & 15** [\[Link\]](#) **Full Stack Developer** Aug, 2016 – Sept, 2016
- Created web application for conducting online quiz event for 2000+ participants.
  - Scaled up web application to handle 1500+ per minute concurrent requests using caching and DB optimization.

## PROJECTS

- Gitty (GUI for Git)** [\[Link\]](#) May, 2016
- Developed a Desktop application for git to prettify output of git-cli.
  - **Technologies Used:** Electron, Node.js, git, highlight.js
- First Course on XSS (OWASP)** [\[Link\]](#) April, 2016
- Developed a Introductory course on Cross site scripting (XSS) accepted by **OWASP (Hackademic)**.
  - **Technologies used:** Docker, Flask, Skeleton, HTML
- NOSS** [\[Link\]](#) Feb, 2016
- Developed API endpoints of recommendation system for Journey Planner using different features.
  - Cleaned data collected from different sources using python-pandas.
- CMS For Design and Innovation Hub, IIT BHU** May, 2016–Aug, 2016
- Developed CMS for ease of administration of projects, proposals and evaluations in DIH.
  - Automated the process of generation of project reports and certificates from the information.

## ACHIEVEMENTS / EXTRA CURRICULAR ACTIVITIES

- Multiple Open Source contributions to GNode, Sunpy, OWASP, Zulip and few more.
- Took multiple workshops and mentored students to learn Web Development and Ethical Hacking.
- Developed Web Chat Client using Socket.io and Node.js
- Published python module (*python-yn*) for validating yes/no answers on CLI prompt intelligently.
- Developed website for *Science and Technology Council, IIT BHU* [\[Link\]](#).
- Developed a notification middleware for redux actions [\[Link\]](#).
- Created *react-redux-boilerplate*, boilerplate for react, redux and react-router with minimal configurations.
- Successfully Completed [Hacktoberfest](#) Challenge.
- Conducted Capture The Flag event in Technex'17.
- First runner up, Udyam CTF (*Capture The Flag* event) out of 46 teams.
- First runner up, in *Code42day* a RESTful API development competition.