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ACADEMIC DETAILS

Program	Institute	Year	% Marks
B.Tech. in Electrical Engineering	JSS Academy of Technical Education, Noida	2018	64.54
XII/ISC	St. Joseph's High school, Gorakhpur	2013	88
X/ICSE	St. Joseph's High school, Gorakhpur	2011	86.28

TECHNICAL SKILLS

- Programming Languages- **Python, JavaScript, HTML, CSS, C, Java**, Design- **Photoshop, Illustrator**, Others- **Electron, React, jQuery, Bootstrap, Django**
- Data Science- **Tensorflow, scikit-learn. OpenCV**. Other Python libraries- **Numpy, Scipy, Matplotlib**.

PROFESSIONAL EXPERIENCE

- **Wipro Ltd.** as a Project Engineer. *(Aug'18 - present)*.
- **CNDE, IIT Madras** (Research Project) *(Guide:Prof. Prabhu Rajgopal. , June'17 - July'17)*. Inline inspection of gas & oil pipelines using various **image processing** techniques for detection of leaks, welds & corrosion. Used Matlab, python & C++. Developed a desktop application using ElectronJs (NodeJs).
- **Samshek Fashion Pvt. Ltd.** (R&D) *(Sept'16 - May'17, Aug'17 - Nov'17)*. Research and Development of a semi-automated robotic sewing machine. Recognition of stitching patterns and cloth pieces using **computer vision** to be stitched. Developed a desktop GUI as interface for the system using ElectronJs (NodeJs).

PROJECTS

- **Web Development.** Developed multiple websites ranging from landing pages to multi-functional platforms such as for blogging, quiz portals. Django/ Angular/ Firebase.
- **Wireless Home Security & Automation system.** *(Aug-june,2018)* B.Tech. project. Developed a security and wireless control system for appliances and detection of intruders, etc., remotely using RPi. Tech stack used Python, Firebase, Android.
- Simulation of use of Fuzzy Logic as a controller in a system. *(2016-17)* Used MATLAB & Simulink toolbox.
- **ISIE hybrid vehicle challenge 2017-18.** As a member of team Octavius won the title of best endurance, best acceleration, best cross pad & best electric HVC 2017-18 among 100+ teams from colleges nationwide. I built electronics module for automatic starting of the vehicle with RFID.
- **GCET Hackathon 2017.** Stood 1st among 30+ teams. Built a real time classroom feedback system using computer vision and sentiment analysis.
- **Smart India Hackathon 2017.** Competed against 50,000+ students to participate in the finals of the worlds's biggest hackathon by Govt. of India. Built a real time surveillance system using **computer vision**.
- **E-yantra 2015, 2016.** Participated in the the robotics competition organised by IIT-B & MHRD, India for two consecutive years. Developed automated robots using **computer vision** and **embedded programming** to complete various tasks.
- Zealicon 2016. Stood 2nd in both MATLAB programming and fullstack website development events.

EXTRA-CURRICULAR ACTIVITIES

- **Google Developers Group JSS Noida** (now DSC) *(Organizer. Feb'16 - May'18)*. Conducted 10+ workshops, talks and events on **Open Source** and other technologies.
- **Oorja Electrical Society** & **Electrique Newsletter.** *(Creative Head. Sept'15 - May'18)*. Designed and published newsletters for Electrical Engineering department and organized 10+ events.
- **Core team Committee member, 2018.** Responsible for organizing Zealicon(Techno-Cultural Fest, JSS Noida). Co-ordinated 10+ technical and cultural events.
- Participated and won in several inter-school and intra-school Basketball tournaments.
- **Interests.** Music, pencil sketching, reading books, playing basketball & travelling.