Nikhil Verma

SysAdmin, Backend Developer
Undergrad, BITS Pilani

247, Shankar Bhawan
BITS Pilani, Rajasthan
+91 99288 34365
✉ nikhilweee@gmail.com
✉ f2014200@pilani.bits-pilani.ac.in
🔗 nikhilweee.me
in ○ 🐦 f nikhilweee

EDUCATION

Birla Institute of Technology and Science, Pilani
BE(Hons) Electrical and Electronics Engineering
AUGUST 2014 - PRESENT
- **370/450** in BITSAT
- Current CGPA of 7.99

EXPERIENCE

Backend Developer, Department of Visual Media
AUGUST 2016 - MARCH 2016 | BITS Pilani
- Built the official websites for all major student festivals, handling more than 4000 participants
- Built softwares and management interfaces to handle live registrations, automated emails and payment portals
- Responsible for server maintenance and management, automated deployment and backups
- Keywords: Github, Python, Django, Apache, Linode

PROJECTS

Research Intern, CSIR CEERI
Central Electronics Engineering Research Institute
AUGUST 2016 - PRESENT
- Under Dr Jagdish Lal Raheja, **Sr Principal Scientist**, CSIR–CEERI
- Working on a People Monitoring System using **Raspberry Pi** and **OpenCV**

Research Intern, BISAG, Gandhinagar
Bhaskaracharya Institute for Space Applications and Geoinformatics
MAY 2016 - JULY 2016
- Worked on multispectral LANDSAT images
- Used K-means and Random forests to classify images using tools like **QGIS, GDAL, Numpy** and **Scikit-Learn**

ACHIEVEMENTS

Coordinator, Department of Visual Media
MAY 2016 - SEPTEMBER 2016
Head of the technical team of 40+ members who build websites, registration systems, mobile apps and other software for student fests

OTHER

Open Source Contributor, NumFOCUS
MARCH 2016 | Software Carpentry

Participant, code.fun.do
MARCH 2016 | Campus wide hackathon by Microsoft

Freelancer, Upwork

SKILLS

Proficient
- Languages: Python
- Frameworks: Django
- OS: Ubuntu Linux
- Tools: Git, Docker

Familiar
- Languages: C, JavaScript
- Frameworks: Numpy, Matplotlib
- Databases: MySQL, Redis, MongoDB
- Hosting: AWS, DigitalOcean, Heroku, Openshift
- Webservers: Apache, Nginx

RELEVANT COURSES

- Computer Programming
- Probability and Statistics
- Machine Learning
- Control Systems
- Communication Systems
- Object Oriented Programming
CURRENT
- Neural Networks and Fuzzy Logic
- Discrete Structures for Computer Science
- Data Communication and Networks
JAN 17 ONWARDS
- Data Structures and Algorithms