

# SHEETAL

B.Tech | Computer Science | NIT Goa  
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## EDUCATION

### NIT GOA

B.TECH IN COMPUTER SCIENCE

CGPA: 8.70/10.0

### JNV BAGHPAT (UP)

SENIOR SCHOOL EXAM

Percentage: 89.8/100

SECONDARY SCHOOL EXAM

CGPA: 10/10

## LINKS

Portfolio:// [sheetalchandel.com](https://sheetalchandel.com)

Github:// [sheetal9717](https://github.com/sheetal9717)

LinkedIn:// [sheetalchandel](https://in.linkedin.com/in/sheetalchandel)

Skype:// [In6Mpq2YMO99](https://www.skype.com/people/In6Mpq2YMO99)

## COURSEWORK

### UNDERGRADUATE

Computer Networks

Data Structures and Algorithms

Operating system

Database Management System

Object Oriented Programming

Software Engineering

Discrete Mathematics

## SKILLS

### PROGRAMMING

- Python • C/C++ • Node.js
- Javascript • Solidity • React.js
- Express.js • SQL • HTML/CSS

### TOOLS AND TECHNOLOGY

- Blockchain • Ethereum • Truffle
- Smart Contracts
- IDEs: vim, remix
- OS: linux, windows
- Database: MySQL, Tinydb
- Platforms: Windows, Linux

## EXTRA CURRICULARS

- **SPORTS:** Participated in Inter NIT Volleyball 2016-17
- Participated in national level volleyball competition held on JNV Fatehgarh, Punjab 2013
- **Workshop:** International Blockchain congress Goa 2018

## EXPERIENCE

### SIEMENS | BLOCKCHAIN DEVELOPER INTERN

MAY 2019 - JULY 2019 | Siemens, Goa

- Developed a Blockchain platform and Implemented Distributed application(DApp) on it.
- Implemented Proof Of Authority Consensus Algorithm in the Framework.

## PUBLICATIONS

### A NOVEL FRAMEWORK FOR PHARMACEUTICAL SUPPLY CHAIN MANAGEMENT USING DISTRIBUTED LEDGER AND SMART CONTRACTS | 10TH ICCCNT 2019 (IIT KANPUR)

Jan 2019 - May 2019 | Accepted

- Create a Distributed platform for a transparent trading of the medicines(drugs)
- Live tracking of quality and supply of drugs from manufacturer to end user.

### A CONCEPTUAL FRAMEWORK FOR TRUSTWORTHY AND INCENTIVIZED TRADING OF FOOD GRAINS USING DISTRIBUTED LEDGER AND SMART CONTRACTS | IEEE INDICON |

May 2019 - July 2019 | Accepted

- Created a Distributed Platform to Eliminate intermediaries between farmers and customers.
- Used Ethereum Blockchain platform to provide trust and transparency.

## PROJECTS

### NITCHAIN | JULY 2019 - MAY 2020

- Created A Blockchain for Institute in Python.
- Used Proof of Reputation as Consensus Algorithm.

### CHAIN OF THINGS | MAR 2019 - APR 2019

- Blockchain Integration With IoT Devices to Enhance Security
- Access the Data from IOT Sensor through Arduino and uploaded over blockchain

### TRUSTWORTHY ENERGY AUCTIONING IN SMART GRID | JAN 2019 - FEB 2019

- Developed Smart Contracts in Solidity.
- Ensuring Trustworthy and accountable auctioning of energy

### POWER QUALITY DATA MANAGEMENT USING ETHEREUM AND SMART CONTRACTS | Nov 2018 - DEC 2018

- Developed API using Express.js
- Ensured Data Immutability using Smart Contracts and Ethereum

### HOSPITAL MANAGEMENT SYSTEM | OCT 2018

- Developed A DBMS based WebApp for Hospital Management System
- Implemented online Appointment Service.