

# Rajat Kumar Wasan

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## EDUCATION

**FLORIDA STATE UNIVERSITY**  
 MASTERS IN COMPUTER SCIENCE  
 Grad 2022 | Florida

**KURUKSHETRA UNIVERSITY**  
 B.TECH(HONORS) IN COMPUTER SCIENCE  
 Grad 2017 | Ambala, Haryana  
**MM INTERNATIONAL SCHOOL**  
 SENIOR SECONDARY SCHOOL  
 Grad Apr 2013 | Ambala, Haryana

**DAV CENT. PUBLIC SCHOOL**  
 SECONDARY SCHOOL  
 Grad. Apr 2011 | Ambala, India

## SKILLS

### PROGRAMMING

Node.js • Solidity • Python

### BLOCKCHAIN AND ML

Hyperledger - Fabric, Iroha, Sawtooth

Ethereum • Tendermint  
 Numpy • Scikit • OpenCV

### DATABASES

BigChainDb • MongoDB • MySQL

### LIBRARIES/PROTOCOLS

Truffle • Web3 • IPFS •  
 Dialogflow

### CONTAINERS, AND CLOUD

Docker • Github • AWS

## COURSEWORK

### Undergraduate

Data structure and Algorithms  
 Operating Systems  
 Statistical Models for CS  
 Functional Programming  
 Mathematics and Discrete Structures

### Certifications

Blockchain Essentials  
 IBM Blockchain Developer

## EXPERIENCE

### REALTO GROUP INC | CTO

July 2019 – Present | Hyderabad, In

- Development of Realto marketplace smart contracts and wallet integration for minting, and transfer of security tokens.
- Implementation of smart contracts for asset tokenization, NFTs, DeFi and oracle integration for currency conversion.
- Research and development of propriety proof of reserve algorithm for multiple fiat pegged stablecoin.
- Configured autoscaling for AWS beanstalk, ec2 instances and managed cloud services for efficient costs.
- Developed interactive chat flow in dialogflow and added fulfilment services for property price prediction

### COGNIER INSIGHTS PVT. LTD | SENIOR BLOCKCHAIN DEVELOPER

July 2017 – July 2019 | Hyderabad, In

- Researched blockchain technologies and provided insights for product use cases in healthcare record store, asset ownership and income distribution.
- Development of land records for government and real estate investment subscriptions for investors on sawtooth ledger.
- Time and counter based perishable keys for secured file sharing on hyperledger fabric.
- Planning and research for asset track and trace for cold supply chain management on hyperledger sawtooth.
- Optimization of Samplepop python web application to reduce load time of Geo map markers from 8 to less than a second.

## PROJECTS

### Realto App

SaaS marketplace for buying and selling Real Estate fractions.

### Outpace

Creating connector components and libraries for No-Code platform outpace.

### Ownet

Real estate subscription and booking platform.

### MedCryp

Healthcare product for hospitals, clinics to store and share medical records securely.

### Secure file sharing

Peer to peer file sharing application with permission and time based keys.

### Object detection and analysis

Computer vision project for customer segmentation by products, and category from live video streams.