

# Vinit Narayan Jha

## S E - 3+ Years Experience

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<https://github.com/jhavinit>

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<https://stackoverflow.com/users/10180554/jhavinit>

### Skills:

\* **Nodejs, A** , **React, E** , **REST A** , **Javascript, Microservices, Kafka, Docker, Nginx**

\* **Mongodb**, R, **Elasticsearch**, K, H /HDFS/ /, K, S IO, C, C++, RTC

\* G , J , , SSH, **Linux**, O SSL, P

\* **Leadership experience, E & C, Product-Timeline Tradeoff experience**

\* : F , **Python**, B , RFID UHF, **IoT**, L , I 4.0, P , ,

S, C, **AWS** EC2, SES, SNS, MQTT, N

## Experience:

1.	<b>Network Security &amp; Analytics</b>	<b>Design to Production. S</b>	<b>500 Million+ internet</b>
	<b>traffic sessions</b>		

**2. Optimised Write Speed to** / **1 million to 350 million**

3. Timely delivery & Optimised solution	Increased Company Revenue Marginally
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4. E S M => **Stored 100TB+ data: Compression ratio ~1:5** - USP for product

#### 5. H Client calls/presentations/on-site deployments

6. P => GMS: C / IPDR/URL

1. D	N	/	/	CRUD	K	RBAC
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2. UI A C JS , J TA , S

3. A P - P

4. K	- 50	30
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5. M =>

6. C  
7. M HDFS, M ., R , C , A

8.1 HA

9. C -

10. F

### 1. C IoT based blockchain network based robots

2. C                      DAG                      B

3. C

4. R , MQTT, I T, IOTA M

5. - I : Developed a Robot which is configured for shortest path planning on the physical

**map.** A R C , P , P AR M

**OpenCV** . A **Blender models.** U **Dijkstra algo + IR sensors**

6. D	B	D	F	2 -	<b>V-rep simulation</b>
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[https://www.youtube.com/watch?v=9R-egjnGgtk&ab\\_channel=e-Yantra](https://www.youtube.com/watch?v=9R-egjnGgtk&ab_channel=e-Yantra)

<https://www.youtube.com/watch?v=DTOcjzXPVg>

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1. Project => DIC Website <https://dicpu.in/>

C                      DIC                      , C

2. Project => Staff Club UIET website using wordpress

3. \_\_\_\_\_

[https://www.researchgate.net/publication/359124654\\_Internet\\_of\\_Things\\_IoT\\_Protocols\\_Communication\\_Technologies\\_and\\_Services\\_in\\_Industry](https://www.researchgate.net/publication/359124654_Internet_of_Things_IoT_Protocols_Communication_Technologies_and_Services_in_Industry)

P : <https://www.youtube.com/watch?v=6dMNM9Z6C1g>

II T: <https://www.youtube.com/watch?v=pJ-wQjToJX4>

A : <https://www.youtube.com/shorts/ZjcrpNq-sN4>

4. Project => pyVHR based heart rate monitoring

H  
D                      REST API                      N    J   E                      M  
I                      HR M                      L                      P  
U    A    S   EC2/                      /                      /

5. Project => IoT Dashboard and web/app

1. I T  
2. D                      A                      /B  
3. D    RBAC  
4. R                      +    + L  
S                      +                      + REST A                      E                      N  
7. A    S                                      EC2, A    S    SES    SNS    S3 (                      /                      ,                      )                      N  
8. F                                      D    (                      /    )  
9. SSL                                      (N    )  
10. MQTT                      , H    SSL                      (P    )  
11. D                      A    S    EC2

A : <https://cdap-capteurio.com/#/login>

APP - A                      / OS: <https://play.google.com/store/apps/details?id=com.cdapcapteurio.cdapcapteur>

6. Project => RFID UHF Project — Design Innovation Centre

C                      **RFID UHF based gateway for sending the RFID tag data to cloud** (A    S)                      RF  
/    . C                      RFID                      R                      P                      MQTT                      . A  
C    . REST API    N                      P                      .

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1. D                      **secure serverless peer to peer communication channel using WebRTC**

2. U                      SIP. , HTML,CSS,JS. S

3. : <https://jhavinit.github.io>

## Education:

\* BT - UIET P                      U                      C                      (2017-2021) - **89.7%**

\* 12 - K                      S                      47, C                      (2015-2016) - **91.8%**

\* 10 - K                      N .1 AFS, A                      (2013-2014) - **95% / 10 CGPA**

## Awards:

\* **AIR 5 - IIT Bombay** -                      R                      C                      2018

\* **AIR 2 - All India Rank 2 for Smart India Hackathon** 2018 S

\* F                      G                      I                      - 2021

\* **100/100 Maths** 11