

# ***Nilakantha Singh Deo***

## ***Blockchain Full stack application Developer***

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### ***Skills Profile***

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#### **Technical**

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| <b>Technology</b>                           | Blockchain ,DAPP(decentralized application),Full stack application development   |
| <b>Environment</b>                          | Node js, Express js(server side),Angular (client side)   |
| <b>Database</b>                             | MySQL , Mongo DB   |
| <b>Internet Tools</b>                       | HTML, AngularJS , ExpressJS , NodeJS, VB Script, VBA, twitter Bootstrap, testing with Mocha,Chai,Jasmine,Postman for API testing |
| <b>Languages</b>                            | GO, JavaScript, C#, Java,  |
| <b>Blockchain</b>                           | Hyperledger fabric, Ethereum, Corda, Kotlin  |
| <b>Virtualization/<br/>containerization</b> | Docker , Docker swarm ,Docker Compose  |
| <b>Operating System</b>                     | Windows ,Linux(Ubuntu)   |

#### **Functional**

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| <b>Management and<br/>Leadership Skills</b> | Ability to produce realistic software and New Product Development |
| <b>Training &amp;<br/>Development</b>       | Technical ability to Train and Troubleshoot                       |

### ***Professional Experience***

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**Trade Finance Application Development**  
**Full stack application Development in different**  
**Blockchain platforms**  
**UI/UX Development and integration with the application**

**December 16-ongoing**

*To implement a distributed ledger platform for the trade finance application .*

UI / UX development.

- Blockchain based trade finance application development.
- Development of the application in Hyperledger fabric platform.
- Corda application development.

#### ***Environments:***

*POC II:Hyperledger fabric,Golang,node js, Express js,Angular js,bootstrap etc.*

*Training/hands on :Ethereum based Blockchain application development.*

*POC I: R3 Corda,Bootstrap, Angular*

**Real Estate Application Development  
Full stack developer with  
MEAN(MongoDB,ExpressJS,AngularJS,NodeJS)**

**October 16-December16**

The requirement was to build the SOW in the Real Estate application

- Designed the UI/UX for the SOW module for the real estate application , [RESimpli](#).
- Data integrity and sharding of the mongo database .
- Wrote routing module and data posting logic using REST

**Environment:** *Ubuntu,for Server-side:NodeJS and ExpressJS framework,for client side:Angular,Database:MongoDB*

**Sustainable and Distributed Manufacturing and Life Cycle  
Assessment**

**October 14-October-16**

**Full stack developer(NodeJS , ExpressJS , database schema design  
with mongo, Angular front end designer)**

To deal with the challenges to represent the huge life cycle assessment data in lucid manner. Integrate the browser

based tool with existing desktop application such as Catia CAD .

- Software Developer and database designer with, Java, Excel VBA ,MySQL·
- Design and developing a software package for Life Cycle Assessment of Product manufacturing starting from material phase to after use phase going through other phases like manufacturing ,usages and transportation etc.
- Data visualization module integrated using MEAN application and neo4JS

**Environment:** *Frameworks:Express for server in NodeJS,Java swing for the standalone part,MySQL/SQLite for the database part,MongoDB database for the web application,Automation scripts with CATScripts and client side scripting with Excel VBA. Graph database with Neo4JS.*

**Education**

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KIIT University, Bhubaneswar, Odisha, India, M. Tech **(VLSI Design and Embedded Systems), 2014**  
Silicon Inst. Of Tech., BPUT, Rourkela, Odisha, India, B. Tech **(Electronics and Instrumentation), 2008**  
BJB College, CHSE, Bhubaneswar, Odisha, India, **ISC (+2), 2002**  
RC High School, Khandapada, BSE, Odisha, India, **10th, 2000**

### ***Professional Organizations***

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|> *Ideas Lab, Centre for Product Design and Manufacturing, Indian Institute of Science, Bengaluru (2014 October-2016 October)*

|> *Smart Data Enterprises (2016 October-2016 December)*

|> *Lecturer at EAST Engineering College BPUT Odisha (2009 June-2014 June)*

### ***Publications/Presentations***

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- Planar Monopole Antenna for Dual-band Application  
International Journal of Scientific & Technology Research Volume 1, Issue 2, March 2012
- A Technique for Impedance Matching in Design of Low Noise Amplifier for ZigBee Receiver Frontend  
IEEE sponsored conference, CCSN MICRO publication date Jul 11, 2014

### ***Open-source and other links***

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GitHub: <https://goo.gl/AELTy0>

stack overflow: <https://goo.gl/MKQz8j>

linkedin: <https://goo.gl/XqEM4c>