

# Diwakar Shukla

## Senior Software Engineer

Senior Software Engineer seeking roles in Software Development, Application Programming, Requirement Analysis, Solution Architecture using Java, Spring MVC, AWS, MicroServices, ELK & DevOps.

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## WORK EXPERIENCE

### Senior Software Engineer John Deere India

07/2018 - Present

John Deere Financials (JD Bank Luxembourg)

Pune

Roles & Responsibilities

- Worked on **Spring Boot Applications** in the **Integration** and **Microservices** architecture to reduce TTM
- Innovated **Branching strategy** with Jenkins to support multi country deployment using **GIT, Terraform** and **Jenkins**.
- Stood up to and handle **DevOps** for the project deployed in **AWS**, to avoid dependency on the Cloud team
- Developed **SPA** using **React & Material UI** with backend using **Spring Boot MVC** and **JPA** to solve the customer issues of monitoring the application
- Automated a lot of processes by building a lot of **Python & Node.js** lambda functions in **AWS**
- Worked on a lot of **negotiations** with Vendors.

### Software Developer Intern Kontext

12/2017 - 04/2018

Pune

Roles & Responsibilities

- Designed the **Classification Algorithm** using Python tensor flow libraries, **Machine Learning**.
- <https://gitlab.com/kontext/wifi-models>.

## EDUCATION

### B.E. Computer Science Army Institute of Technology, Pune

04/2014 - 05/2018

Percentage - 68 %

### SSC Army Public School, Mamun Cantt

04/2013

Percentage - 90.4 %

### HSC Army Public School, Mamun Cantt

03/2011

CGPA - 10

## SKILLS

Java Spring MVC Spring Boot Python  
Jenkins AWS Terraform Git  
MicroServices Design Patterns

## PERSONAL PROJECTS

### Cloud Resource Optimisation

- IEEE Paper - <https://ieeexplore.ieee.org/document/8474895>
- <https://github.com/shukladiwakar/Cloud-CPU-Optimisation>

### Smart Basket

- Won thoughtworks Innovators Hackthon - <https://github.com/shukladiwakar/SmartBasket>

### Employee Locator, bio-metric attendance appreciation program

- <https://github.com/shukladiwakar/Rajkot-Hackathon>

### Quick Toll Pay

- Deloitte Innovative Award by Road Ministry
- Play Store Application - <https://play.google.com/store/apps/details?id=com.csediwakar.maurya.toll2&hl=en>

### Smart Elevators

- <https://github.com/shukladiwakar/Smart-Elevators>

## HONOR AWARDS

### Budding Talent Award

John Deere Financial

- Got the award for the work done among all the freshers joined in company

### National Level Hackathon Winner

I4C

- Won hackathon held in Pune for Water Distribution System

## CERTIFICATES AND COURSES

### Scrum Team Member

*Did ScumInc Certification on Agile*

### Scrum Master

*Certified scrum master by ScrumInc*

### Agile Software Development

<https://www.coursera.org/account/accomplishments/verify/AY2HQT2GE5PU>

### Design Patterns

<https://www.coursera.org/account/accomplishments/verify/Y52GUY7S9SBN>

### Algorithmic Toolbox

<https://www.coursera.org/account/accomplishments/certificate/8LBQQ4AG7CB>  
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### Version Control with Git

<https://www.coursera.org/account/accomplishments/verify/BV6TMZD2XPJ2>

### Data Science

<https://www.coursera.org/account/accomplishments/verify/VJMUAJ6YVE3>

### Hackerrank Java

<https://www.hackerrank.com/certificates/cbe1a27278c3>

## PUBLICATIONS

*IEEE Research Publication*

### Cloud Resource Optimisation

*Diwakar Shukla*

Prince Kumar, Priya Dixit

Feb 2018

IEEE

This project was based on the Openstack cloud and improvements in terms of the resource optimisation by using the machine learnings.

<https://ieeexplore.ieee.org/document/8474895>

## LANGUAGES

English



## INTERESTS

☆ Quora Reading and Answering

📄 Competitive Programming

☆ BasketBall

☆ Badminton