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**Bidyut Jyoti Saha**

28, Male, India

Technical Consultant | IFS ERP

Oracle | L&T Infotech | Navi Mumbai



**Experience Summary**

Master of Technology in Computer Science & Information Security with 4.4 years of Experience

- Technical skill in IFS ERP including custom (Frontend/Backend) and Report development
- Hands-on experience in PL/SQL and Java Coding
- Development related to Change Requests, Customizations and Enhancements for our Clients
- Developing API's and working with existing ones
- Debugging Code (Test Window), Query Optimization and Tuning of existing code
- Developed Tools (Deployment Tool and Extraction Tool) using Java Swing
- Development of reports such as BA, Crystal Report, Order Reports and Quick Reports
- Handling and resolving Incidents/ Gaps/ Defects across all Modules
- Migration Job Creation, Merging code and Deploying Packages
- Integration Configuration (Routing Rules, Routing Address)
- IFS Connect Setup (Transformer)
- Knowledge on Functional Modules of IFS ERP (Business Flow) – OTC (Order to Cash), P2P (Procure to Pay), Finance, PCO, HR (Human Resource) and T&A (Time and Attendance)

**Skills Summary**

<b>Domain</b>	Technical
<b>Programming Languages</b>	PL/SQL, Java, Microsoft SQL, HTML, Matlab, C
<b>Operating System / ERP Version</b>	Operating System : Windows 7/8/10 ERP Versions : IFS 7.5 / IFS 8.0 / IFS 9.0
<b>Tools / DB / Packages / Framework / ERP Components</b>	<b>Development Tools :</b> PL/SQL Developer, IFS BA Tool 3.1.27, IFS Developer Studio, Netbeans IDE, Oracle JDeveloper 12c, Matlab, Test Complete <b>Database :</b> Oracle 10g, 11g, Microsoft SQL Server <b>Version control :</b> Tortoise SVN <b>TSM :</b> Service Now, HP Quality Center

## Current Employment Details:

### **Larsen & Toubro Infotech (8<sup>th</sup> Sep, 2016 and onwards)**

**Technical Platform:** Java and PL/SQL

**Role:** Technical Consultant (PL/SQL and Java Developer) in IFS ERP

IFS (Industrial & Financial Systems) is one of the world's leading providers of component-based business software developed using open standards. Since 1983, IFS has been a provider of business applications focused on meeting the needs of selected industries. IFS is a Sweden based MNC having offices in 43 countries and customers located in over 65 countries around the world. Involved in five live end to end implementations.

**Client:** **Maersk Supply Service**

Maersk Supply Service provides reliable, safe and efficient marine services to the global oil and gas industry.

In 2013 the company described itself as the world's largest overseas cargo carrier and operated over 600 vessels with 3.8 million. Twenty-foot equivalent unit (TEU) container capacity. As per September 2015, being still the largest container fleet, it holds 15.1% of the global TEU. It has been the largest container ship operator and supply vessel operator in the world since 1996.

## Previous Work Experience Details:

### 1. **Capgemini India, Mumbai - 2 years 3 months** (9<sup>th</sup> Jun, 2014 – 7<sup>th</sup> Sep 2016)

**Technical Platform:** Java and PL/SQL

**Role:** Senior Software Engineer (PL/SQL and Java Developer) in IFS ERP

**Client:** **Technip**

Technip is a world leader in project management, engineering and construction for the energy industry. From the deepest Subsea oil & gas developments to the largest and most complex Offshore and Onshore infrastructures, Technip has state-of-the-art industrial assets on all continents and operates a fleet of specialized vessels for pipeline installation and subsea construction.

### 2. **KIIT University, Bhubaneswar, Odisha – 3 months** (01<sup>st</sup> Mar 2014 – 30<sup>th</sup> May 2014)

**Role:** Project Assistant

“Remote Health: A Framework For Healthcare Services Using Mobile And Sensor-Cloud Technologies”, KIIT University, Information Technology Research Agency (ITRA) Funded Project.

### 3. **KIIT University, Bhubaneswar, Odisha – 4 months** (12<sup>th</sup> Nov 2013 – 28<sup>th</sup> Feb 2014)

**Role:** Teaching Assistant conducting Technical Labs (Java, DBMS, Graphics Lab and C)

## Education Qualification:

- ICSE (Class X) from Sri Aurobindo Institute of Education, Salt Lake, Kolkata, West Bengal (Aggregate: 83.8%)
- ISC (Class XII) from Sri Aurobindo Institute of Education, Salt Lake, Kolkata, West Bengal (Aggregate: 86%)
- B.Tech in Information Technology from Narula Institute of Technology, Agarpara, Kolkata, West Bengal (Aggregate: 8.76)  
Project: Development of a Safe and Secure Internet Banking System Using J2EE on Glassfish Server.
- M.Tech in Computer Science & Information Security from Kalinga Institute of Industrial Technology, Bhubaneswar, Odisha (Aggregate: 9.29)  
Thesis Work: Digital Watermarking Using Cryptography Encryption Standards (Matlab Implementation).

## Achievements :

### Academic:

- **GATE - 2013 Qualified**
- **Best Paper Presentation Award** (GLA University Mathura, Uttar Pradesh): "Robust Watermarking Technique using Arnold's Transformation and RSA in Discrete Wavelets", 2nd International Conference on Information Systems and Computer Networks (ISCON), IEEE, March 2014.
- **Best Paper Presentation Award** (Noorul Islam Center for Higher Education, Kumaracoil, Kanyakumari, Tamil Nadu): "A Robust Digital Watermarking algorithm using DES and ECC in DCT Domain for Color Images", International Conference on Circuit, Power and Computing Technologies (ICCPCT), IEEE, March 2014.
- **Certified Ethical Hacking Expert** (Level-1) (Certified jointly by Tech Defense, Ahmedabad and Jadavpur University, Kolkata).
- **Project Star Award** for outstanding performance and lasting contribution in AppsTwo for H2 2015 in Capgemini India Pvt Ltd.

### Sports:

Recipient of Certificate of Honors from Bidhannagar Swimming Association, Kolkata (West Bengal) in swimming.

### Cultural:

Recipient of

- B.Mus (Bachelor of Music) in Tabla, Rabindra Sangeet and Nazrul Geeti Vocal
- Senior Diploma in Fine Arts

## Research Papers & Publications:

### IEEE International Conferences:

1. "Robust Watermarking Technique using Arnold's Transformation and RSA in Discrete Wavelets", *2<sup>nd</sup> International Conference on Information Systems and Computer Networks (ISCON)*, IEEE, March 2014, pp. 83-87. (DOI: 10.1109/ICISCON.2014.6965223)
2. "A Robust Digital Watermarking algorithm using DES and ECC in DCT Domain for Color Images", *International Conference on Circuit, Power and Computing Technologies (ICCPCT)*, IEEE, March 2014, pp. 1378-1385. (DOI: 10.1109/ICCPCT.2014.7054975)
3. "Comparative study of Image Encryption using 2D Chaotic Map", *2<sup>nd</sup> International Conference on Information Systems and Computer Networks (ISCON)*, IEEE, March 2014, pp. 105-108. (DOI: 10.1109/ICISCON.2014.6965227)
4. "Blind Digital Watermarking algorithm based on DCT Domain and Fractal Images", *International Conference on IT in Business, Industry and Government (CSIBIG)*, IEEE, March 2014, pp. 401-407. (DOI: 10.1109/CSIBIG.2014.7057000)
5. "Blind Watermarking Techniques using DCT and Arnold 2D Cat Map for Color Images", *International Conference Communications and Signal Processing (ICCSP)*, IEEE, April 2014, pp. 026-030. (DOI: 10.1109/ICCSP.2014.6949772)
6. "Non Blind Watermarking Technique using Enhanced One Time Pad in DWT Domain", *Fifth International Conference on Computing, Communications and Networking Technologies (ICCCNT)*, IEEE, July 2014, pp. 1-6. (DOI: 10.1109/ICCCNT.2014.6963061)
7. "Enhanced Digital Watermarking scheme using Fractal Images in Wavelets", *Fifth International Conference on Computing, Communications and Networking Technologies (ICCCNT)*, IEEE, July 2014, pp. 1-6. (DOI: 10.1109/ICCCNT.2014.6963147)
8. "Comparative Analysis of Digital Watermarking scheme using Enhanced Playfair Cipher in DCT & DWT", *Fifth International Conference on Computing, Communications and Networking Technologies (ICCCNT)*, IEEE, July 2014, pp. 1-6. (DOI: 10.1109/ICCCNT.2014.6963114)
9. "Selfish Node Detection and Its Behavior in WSN", *Fifth International Conference on Computing, Communications and Networking Technologies (ICCCNT)*, IEEE, July 2014, pp.1-6. (DOI: 10.1109/ICCCNT.2014.6963086)

### **Springer International Conferences:**

1. "Implementation of New Framework for Image Encryption Using Arnold 3D Cat Map", 2<sup>nd</sup> International Conference on Information Systems Design and Intelligent Applications (INDIA - 2015), Springer, Advances in Intelligent Systems and Computing Volume 339, 2015, pp. 379-384. (DOI: 10.1007/978-81-322-2250-7\_38)
2. "A New Approach on Color Image Encryption Using Arnold 4D Cat Map", International Conference on Computational Intelligence in Data Mining (ICCIDM - 2015), Springer, Computational Intelligence in Data Mining Volume 1, 2015, pp. 131-138. (DOI: 10.1007/978-81-322-2734-2\_14)

### **Journals:**

1. "Face Pose Estimation using PCA", ACCENTS Transactions on Image Processing and Computer Vision, Vol. 2 - Issue 4, October - 2016, pp. 11-15. (DOI: 10.19101/TIPCV.2016.23002)
2. "Robust Watermarking Technique using 2D Logistic Map and Elliptic Curve Cryptosystem in Wavelets", International Journal on Recent Trends in Engineering and Technology, Vol. 10, No. 2, Jan 2014, pp. 70-77. (DOI: 01.IJRTET.10.2.34)
3. "Robust Digital Image Watermarking Using 3AES in Wavelet Domain", The IUP Journal of Computer Sciences, Oct 2014, pp. 1-8. (DOI: IJCS61410)
4. "Digital Image Encryption using ECC and DES with Chaotic Key Generator", International Journal of Engineering Research & Technology, Vol.2 - Issue 11, November - 2013, pp. 2593-2597. (DOI: IJERTV2IS111016)

### **Declaration**

I hereby declare that the information furnished above are factually correct and subject to verification by concerned authority.

**Place:** Navi Mumbai, Maharashtra, India

Bidyut Jyoti Saha  
(Bidyut Jyoti Saha)