



Bidyut Jyoti Saha

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Technical Consultant | IFS ERP

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Experience Summary

Master of Technology in Computer Science with more than 6 years of Experience

- Technical skill in IFS ERP including Frontend and Backend Development
- Hands-on experience in PL/SQL, Java and C# (.Net) Coding
- Development related to Change Requests, Customizations and Enhancements for Clients
- Development of Frontend Forms (using Visual Studio) and Backend Packages (using IFS Developer Studio)
- Development related to Inbound and Outbound Integrations (SOAP protocol)
- Handling and resolving Incidents/ Gaps/ Defects across all Modules
- Development related to Advance Configuration – Custom Event, Custom Field and Custom Menu
- Development of Reports such as BA, Order Reports and Quick Reports
- Integration Configuration (Routing Rules, Routing Address and Transformer) and IFS Connect Setup
- Developed Tools (Deployment, Extraction and Query Tool) using Java Swing

Tools Detail Provided below:

1. **Deployment Tool:** To deploy IFS Advanced Configurations (Custom Field and Custom Event) and IFS Packages (PL/SQL Block Code) in more than one Oracle Databases residing in different remote Windows Server (Prod and Non-Prod Environments) at one go, generating proper execution logs.
 2. **Extraction Tool:** To Extract Data using SQL Syntax from more than one Oracle database and consolidating the records in one excel sheet. Proper logs are also generated to provide information related to the execution.
 3. **Query Tool:** To Retrieve data from a SQL Query and displaying the output in the dynamic table structured form. The data is shown specific to one Environment (Prod/ Non-Prod) database as per the user's choice.
- Knowledge on Functional Modules of IFS ERP (Business Flow) – OTC (Order to Cash), P2P (Procure to Pay), Finance and HR (Human Resource)
 - Developed JScripts in TestComplete tool for performing Regression Testing of the ERP product as a part of Automation.

Skills Summary	
Domain	Technical
Programming Languages	PL/SQL, Java, C#, Microsoft SQL, HTML, Matlab, C
Operating System / ERP Version	Operating System: Windows 7/8/10 ERP Versions: IFS 7.5 / IFS 8.0 / IFS 9.0 / IFS 10.0
Tools / DB / Packages / Framework / ERP Components	Development Tools: IFS Developer Studio, Visual Studio, PL/SQL Developer, IFS Report Designer Tool, IFS BA Tool, NetBeans IDE, Matlab, Test Complete Database: Oracle 10g, 11g, Microsoft SQL Server Version control: Tortoise SVN TSM: Service Now, HP Quality Center

Current Employment Details:

Accenture (25th Oct 2018 and onwards)

Role: Application Development Senior Analyst (IFS ERP)

Client: [Systembolaget \(Sweden\)](#)

Previous Work Experience Details:

- Larsen & Toubro Infotech - 2 years 1 month** (8th Sep 2016 – 9th Oct 2018)
Role: Associate Consultant (IFS ERP)
Client: [Maersk Supply Service \(Denmark\)](#)
Maersk Supply Service provides reliable, safe and efficient marine services to the global oil and gas industry.
- Capgemini India, Mumbai - 2 years 3 months** (9th Jun 2014 – 7th Sep 2016)
Role: Senior Software Engineer (IFS ERP)
Client: [Technip \(France\)](#)
Technip is a world leader in project management, engineering and construction for the energy industry.
- KIIT University, Bhubaneswar, Odisha – 3 months** (01st Mar 2014 – 30th 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.
- KIIT University, Bhubaneswar, Odisha – 4 months** (12th Nov 2013 – 28th 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 (2014) - (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 (2014) - (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).
- Capgemini Project Star Award (2016) - Outstanding performance and lasting contribution in AppsTwo for H2 2015
- Accenture Celebrates Excellence Award (2020) - Recipient of the Q2 FY20 Individual award under ACE Awards program in the Client & Customer category, for outstanding contribution to client's business outcomes.

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", *2nd 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", *2nd 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", *2nd 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: Hyderabad, Telangana, India

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