

Debapriya Patra

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Dynamic technical leader with extensive hands on experience in building large-scale distributed backend platforms. An insightful problem solver, engrossed in functional programming and parallel processing.

EXPERIENCE

Cognizant, Architect

2009- Present

NCR, USA

Building rest bank apis to manage online transactions using microservice; owning priorities, deliverables and health check of individual service.

Developed rest bank apis to manage entitlements for the user groups using micro services.

Developed SSO interface using SAML and handshake mechanism for bank users to connect to Third Party Vendor services.

Intuit, India

Developed a module to store the health records such as lab results, medications, immunizations, allergies, problems, and procedures data and transfers data between the practice systems and patient system.

Stubhub, India

Migrated all the existing emails APIs those are scattered across different platforms into a unique system.

Developed new APIs to use the enhanced new email contents and send them in both html and text format using StrongMail feature.

Developed all the restful services which is used now to manage the retail user accounts in Stubhub platform like Buying Tickets, Selling Tickets, Listings Tickets, Payments, Preference, Account Info, etc.

NIIT, Senior System Engineer

2006 -2009

Delfigo Security, India

Design and Developed Gateway Service as a SOAP web service using axis2 to enable second factor authentication using keyboard biometrics.

Written an authentication engine with artificial intelligence algorithms using C++ to read the data from user input and compare with the existing data set stored previously for each user in the system.

Written an interface to connect the webservice to send data to the authentication engine using native java API lookup call.

DBSystel, India

Developed an interface (StredaXin) which provides an encapsulated component with a convenient interface to interact with StredaX which is a GIS based DB which stores train route and map information and displayed in user

interface.

Developed an interface(VDVin) which was designed to provide a consistent way for RBLs (Third party/vendor) to transmit data to IRIS. The data coming from RBLs is transmitted using VDV standard for data exchange. The objective of this interface is the accept traveller information of users, via http

IFS, India

Insurance Framework Solutions is a collection of business services that are typically used in life insurance underwriting system.

Developed a framework which facilitates in adding requirements to the case automatically, which is achieved, by Rules written using Drools and Corticon rule engines.

ACHIEVEMENTS

- Top performance ratings in current & previous organisation.
- Won various service awards at different organisations.
- Got best performer award from client NCR/DI multiple times.

EDUCATION

Master in Computer Application
BPUT, India

Aug. 2004

CERTIFICATIONS

Sun

- Web Component Developer 1.5
- Business Component Developer 1.5
- Developer for Java Web Services 1.5

IBM

- XML 1.1 and Related Technologies
- Object Oriented Analysis and Design, vUML 2
- Architectural Design of SOA Solutions

SKILLS

- Java, JavaScript, Python, Freemarker Template
- Ajax, JSON
- Spring, Spring Boot, Hibernate, JPA
- Drools and Corticon Rule Engine.
- MySql, Oracle
- Maven, Git, P4, SVN
- Apache Tomcat 6.0, JBoss4.X.
- TestNG, Clover, Junit, Mockito, PowerMock, Jenkins,
- Docker(Conceptual knowledge)
- Web applications

- RabbitMQ
- Data structure and algorithms
- Test-driven development
- Contrast Security, Whitehat, White Source, Sonar Qube.
- Swagger2(springfox)
- Agile(scrum), Waterfall, Iterative