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# Nandini Bag

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Aradhana Enclaves,  
BJB Nagar,  
BBSR.

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A highly motivated, professional software engineer with 4.8 years professional experience gained in a variety of industry sectors. Has a strong background in Delphi, C#, React.js and distributed systems design and development. Experienced in object-oriented design and a variety of development methodologies including Agile/XP. Effective communication skills, sound understanding of industry best practices and ability to work well in small and large team environments. Extensive and pragmatic experience of commercial smart-client and web technologies.

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## Technical Skills

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### Development Technologies

Delphi XE 7/10.1 ,FireMonkey  
C#  
React.js  
HTML,CSS,JavaScript  
XML / XSLT

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### Development Practices

Agile Coaching  
Iterative Development  
Refactoring  
Pair Programming  
Continuous Integration  
Unit Testing & Test-Driven Development

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### Internet Client-side

HTML  
DHTML (JavaScript 1.x / CSS / DOM)  
React.js

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### Database

SQLite 3.0  
PostgreSQL

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### Version Control

GIT  
GIT(TortoiseGit)

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### Operating Systems

Windows 10/8/7/XP,  
Linux(Ubuntu)  
MacOS 9 / X

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# Professional Experience

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**Sep 2014 – Feb 2019** **AABSyS IT PVT LTD**  
*54 ,Plot No.E/54 & E,1,Infocity Ave,Chandaka Industrial Estate, Patia,BBSR, India*

## **Software Engineer**

### **Projects:-**

#### **1. Name:** MGC Export

**Software:** Delphi XE7, SQLite, PostgreSQL, TatukGIS

#### **Roles and Responsibilities:**

- Involved in the development of Windows based application using Delphi. Developed this application to convert all the PostgreSQL data to SQLite with the help of TatukGIS so that asset data and your maps can be visible offline in MGCOffline and MGCTouch applications.
- Getting involved in application testing and fixing bugs.
- Strong investigation, problem solving and analytical skills.
- Design and implementation of several bespoke GUI controls for display and manipulation of rich data sets in various forms.

#### **2. Name:** MGC Offline ,MGC Touch

**Software:** Delphi XE7, FireMonkey, SQLite, PostgreSQL, TatukGIS

#### **Roles and Responsibilities:**

- Assisting in the development of new Windows and Android based applications using Delphi. Developed this application to navigate the utility network with Delphi using SQLite and TatukGIS.
- Getting involved in application testing and fixing bugs.
- Design and implementation of several bespoke GUI controls for display and manipulation of rich data sets in various forms.

#### **3. Name:** MGC Update

**Software:** Delphi XE 10.1, SQLite, SOAPUI, TatukGIS

#### **Roles and Responsibilities:**

- Provided input for better execution and implementation of modules.
- Getting involved in application testing and fixing bugs.
- Analysing and providing suggestions (for improvement) and estimations to client.

#### **4. Name:** SLD Converter

**Software:** React.js, Tomcat

#### **Roles and Responsibilities:**

- Building and Deploying application on application server.
  - Sanity and Integration testing for changes against all possible scenarios.
  - Provided input for better execution and implementation of modules.
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Feb 2019 –till  
date

## Infosys

*Plot No. E/4,Info City ,BBSR, Odisha, India*

### Technology Analyst

#### Projects:-

**1. Name:** Retail in Stock

**Software:** Delphi XE7

#### Roles and Responsibilities:

- Analysing and providing reports on the application.
- Providing detail implementation of modules.

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## Formal Education

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**2009 – 2013 Biju pattnaik University of Technology**

### Bachelor of Electronics and Telecommunications

- Full time study and graduated with CGPA- **7.26**.
- Received awards for top academic student in two subjects.

**2007 – 2009 Kendriya Vidyalaya ,puri**

### Central board of Secondary Education(CBSE)

- Completed Intermediate with **72%**.

**2005 – 2007 Kendriya Vidyalaya ,puri**

### Central board of Secondary Education(CBSE)

- Completed High School with **78%**.