**KHETRABASI ROUT**

**E-mail :** [**kbrout6@gmail.com**](mailto:kbrout6@gmail.com) **Contact No : +91- 8317562046**

**Career objective :**

To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self development and help me to achieve personal as well as organizational goal.

**Academic profile :**

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| **Degree** | **Year of passing** | **Name of Institution** | **Board/**  **University** | **Aggregate**  **(%)** |
| MCA | 2016 | Khallikote (Auto) College, Berhampur, odisha | Berhampur University | **70** |
| B.Sc | 2013 | People’s College,Buguda | Berhampur University | **57** |
| Intermediate | 2010 | People’s College,Buguda | CHSE, odisha | **47** |
| 10th | 2008 | Budhagiri Bidyapitha,Buguda | HSC, odisha | **69** |

**Technical skill:**

Operating Systems : Windows

Programming Language : JAVA

Web Technologies : Html, Javascript, css,Jquery,Angular JS

Database Softwares : Oracle, MySQL,PLSQL, Mongodb

JEE Technologies : Servlet, JSP

Framework : Spring MVC, Spring Boot, Spring Security

ORM Software :Hibernate,JPA

Web Service : RESTful

Reporting Tool :Jasper Report

Tool : Maven

IDE : Eclipse,NetBeans

Version Control :SubVersion

FTP Tool :FileZilla

ETL Tool :Mirth Connect

Health care language : HL7

**Professional Experience:**

* Currently associated with Tronixware Design & Research Lab Pvt.Ltd ,Bhubaneswar from Nov-2018 to till date.
* Having 2 year of experience in delivering Web-based Java applications.
* Experience in working on object oriented programming and coding.
* Trained in java for 5 months in Nacre Software Services,Hyderabad

**Project Experience Summary:**

**Project #1:(** **Tronixware Design And Research Lab Pvt.Ltd)**

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| **Project** | **EMS (Energy Management System)** |
| **Role** | Development |
| **Technology** | Core java,Spring MVC, Spring Security,Jasper Report,MongoDB,HighChart |
| **IDE** | Eclipse |
| **Team Size** | 3 |

**Description:**

It is an Energy Data Analytics tool that includes electronics hardware and software Service, proposed to industries, for streaming energy consumption information and other important electrical parameters live from their power-substation / facilities.

It integrates energy monitoring, measurement and management into a single user friendly and

interoperable solution.

**Project #2:(** **Bestray Infotech Pvt.Ltd)**

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| **Project** | **Health Care EMR System** |
| **Client** | Satyam Hospital |
| **Role** | Development & Enhancement |
| **Technology** | Core java,Hibernate,Spring,Jasper Report,MYSQL |
| **IDE** | NetBeans |
| **Team Size** | 5 |

**Description:**

This concern project is revolutionary integrated Hospital Management System providing comprehensive features in Hospital Management and information. Health Care EMR System provides the users complete control and confidentiality over patient's information such as medical reports, prescriptions history, interdependent visits etc.

         Health Care EMR System allows the users to collect, store and extract patients movement, diagnosis and prescription history, inter department visits, out patients appointments, admission, operations room schedule, pre operation checklists etc.

        Health Care EMR System provides the user with information and hospital occupancy, bed utilization, consolidation of patient billings, performance analysis per doctor and statistical analysis in case paper histories through reports and form generator that can also be presented in graph and charts at a single click of a button. This System is Multi user System.

**Responsibilities:**

* Understanding Requirements of Clients
* Coding various Data Access Objects and Service classes in the framework.
* Involved in hibernate configuration files and mapping file for Data Access Layer.
* Creating tables in MYSQL database and writing the sql queries to get the data.
* Creating reports using jasper report tool and preparing executable file.
* Deploying software at client side and solving their queries or problems.
* Giving Training of software to client and Testing Team.

**Project #3: ( Bestray Infotech Pvt.Ltd)**

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| **Project** | **Bestray GPS Tracking System** |
| **Client** | Devine Public school, Bhubaneswar |
| **Designation** | Software Programmer |
| **Role** | Development & Enhancement |
| **Environment** | Google Map api v3.0, GPS device GT02,Gt08 protocol, Java, JSP, JQuery, Bootstrap, Ajax, Java script, JSON, MySQL |
| **IDE** | Eclipse |
| **Team Size** | 2 |

**Project Description:**

GPS tracking is the surveillance of location through use of the Global Positioning System (GPS ) to track the location of an entity or object remotely. The technology can pinpoint longitude, latitude, ground speed, and course direction of the target.

The GPS is a "constellation" of 24 well-spaced satellites that orbit the Earth and make it possible for people with ground receivers to pinpoint their geographic location. The location accuracy is anywhere from 100 to 10 meters for most equipment.

Accuracy can be pinpointed to within one meter with special military-approved equipment.

**Responsibilities**:

* Understanding different device protocols and trying to fetch the details in a specific port.
* Involved in analysis and design of various service classes.
* Creating tables in MYSQL database.
* Involved in database design.

**Project #4: ( Bestray Infotech Pvt.Ltd)**

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| **Project** | **Advanced Biometrics Security System** |
| **Client** | Adyant +2 science college, Bhubaneswar |
| **Designation** | Software Programmer |
| **Role** | Development & Enhancement |
| **Environment** | Java, Java thread, Mysql |
| **IDE** | Eclipse |
| **Team Size** | 2 |

**Project Description:**

The performance of biometrics security system have been certified at the highest levels by internationally-recognized organizations.

USB fingerprint reader with superior ESD resistance. Utilizes optical fingerprint scanning technology. Works well with dry, moist, or rough fingerprints.

Compact, lightweight and portable fingerprint reader. Smart Capture ensures quality fingerprint scanning. Sensor resistant to scratches, impact and vibration. Scans dry, moist, aged, scarred and difficult-to-scan fingers.

**Responsibilities**:

* Understanding requirements of client.
* Involved in analysis and design of various service classes.
* Creating tables in MYSQL database.
* Involved in database design.
* Creating reports using jasper report tool and preparing executable file.
* Exporting reports to MS Excel, MS Word, and PDF formats.
* Bug fixing and enhancing.
* Deploying software at client side and solving their queries or problems.

**Project #5: ( Bestray Infotech Pvt.Ltd)**

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| **Project** | **First Genix User Management** |
| **Designation** | Software Programmer |
| **Role** | Developer |
| **Environment** | Java, Spring Security,Boot,JWT,Restful,JPA,Mysql |
| **IDE** | Eclipse |
| **Team Size** | 4 |

**Project Description:**

* Clients logs in by sending their credentials to the identity provider.
* The identity provider verifies the credentials; if all is OK, it retrieves the user data, generates a JWT containing user details and permissions that will be used to access the services, and it also sets the expiration on the JWT (which might be unlimited).
* Identity provider signs, and if needed, encrypts the JWT and sends it to the client as a response to the initial request with credentials.
* Client stores the JWT for a limited or unlimited amount of time, depending on the expiration set by the identity provider.
* Client sends the stored JWT in an Authorization header for every request to the service provider.
* For each request, the service provider takes the JWT from the Authorization header and decrypts it, if needed, validates the signature, and if everything is OK, extracts the user data and permissions.

**Project #6:(Nacre Software Services)**

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| **Name** | **Infrastructure Management System** |
| **Description** | The main objective of this project is to make all activities online by which all employees of the organisation can make request for any Hardware and Software Devices online without interaction with their seniors colleague. |
| **Tools & Softwares** | Jdk1.8, Eclipse, MySQL 5.x., Tomcat 9.0, Svn |

**Achivements:**

* Secured a prize in G.K on 8th standard**.**
* Volunteered for cultural events during MCA.

**Strengths :**

* Ability to grasp new skills quickly.
* Honest, dedicated and hard working towards my work.
* Dynamic learner.

**Personal profile:**

**Name :**  Khetrabasi Rout

**Father’s Name** **:**  Somanath Rout

**Date of Birth :** 8th July 1993

**Languages Known :**  English, Hindi,Odia

**Contact number :** +91 8317562046

**URL(LinkedIn) :** *https://www.linkedin.com/in/khetrabasi-rout-70214b136*

**Permanent Address :** Near S.B.I, Buguda

Ganjam, Odisha

pin-761118

**Declaration:**

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I hereby declare that all the information given above is true to the best of my knowledge.

Date :

Place : Bhubaneswar Khetrabasi Rout