Subrata Ghosh

Full Stack Web Application Developer | Kolkata, West Bengal, India
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SUMMARY

Full-Stack Web Developer with 9+ years of experience building scalable, secure web applications. Skilled in front-end and back-end development, RESTful API design, database integration, and real-time data streaming. Passionate about exploring new technologies, developing proof-of-concept applications, and conducting feasibility studies on technology alternatives. Experienced in adapting to large teams, managing multiple tasks, and coordinating across teams for efficient deliveries. Focused on clean code, user-friendly design, and performance optimization.

TECHNICAL SKILLS

- **Languages** - Java, C, Javascript,TypeScript
- **Web UI Technologie*s*** - HTML5, Ajax, JQuery, Bootstrap, CSS3
- **JS Libraries** - React, JQuery, D3
- **Server-Side Platform** - SpringBoot, Node.js, Express
- **Distributed Computing** - RESTful Web Services, JSON
- **Database** - SQLServer, MySQL, PostgreSQL, MongoDB
- **Java EE Application Servers** - Apache Tomcat
- **Cloud Platforms** - AWS
- **ETL Tool** - SnapLogic
- **MDM Platform** - Reltio
- **IDE** - Eclipse, IntelliJ IDEA, Visual Studio Code, NetBeans
- **Build System** - Maven, Gradle
- **Version Control** - Git
- **Stream Processing Platform** - Apache Kafka
- **Operating System** - Windows Family, Linux, Mac

EXPERIENCE SUMMARY COMPANY WISE

Duration	Organization	Role
December 2016 to Present	TwoPiRadian Infotech Pvt. Ltd	Senior Software Engineer
February 2015 to November 2016	Keeves Technologies Pvt. Ltd	Software Engineer

EXPERIENCE PROFILE

Organization: TwoPiRadian Infotech Pvt Ltd.	
Product: Knimbus	**Duration**: Apr-2022 to Present

Project Description:
Functioning as a full stack developer in the Product,Involves mostly in developing Backend API using Spring MVC and integrating the same on the frontend side.
Redesign the existing UI layer of the product with React js from the scratch.

Role in Project:
- Involved in the brainstorming of the features to be provided in the UI representation.
- Involved in the development and maintenance of features for user interaction and computation as well as corresponding features for Application and Computation Servers.
- Involved in the usage of RestAPIs to communicate frontend with the backend.
- Involved in the development of Backend APIs.
- Redesign the existing UI Layer with the new JS Library(React) in the new product version.

Technology Stack:

- **Languages :** Java
- **Database:** MySQL
- **Web UI Technologies:** HTML5, JavaScript, React
- **Java EE Application Servers:** Jetty
- **Frameworks:** Spring Boot
- **Cloud Platform:** AWS,GCP
- **Build and Source Code Management:** Gradle, npm, Git
- **Project Management Tools:** Jira, Confluence, Google Docs

Organization: TwoPiRadian Infotech Pvt Ltd.	
Product: DataRobot	**Duration**: Feb-2021 to Mar-2022

Project Description:
Functioning as a full stack developer in the Platform layer of the Data Preparation and Management side, having both cloud and on-prem offerings. Involves User Authentication and Authorization, an Application Server Component that provides an extensive UI to the user for viewing and manipulation of data and a robust Computation Server built using Spark that helps in faster processing of data analysis and manipulation queries.

Role in Project:
- Involved in the brainstorming of the features to be provided in the UI representation.
- Involved in the development and maintenance of features for user interaction and computation as well as corresponding features for Application and Computation Servers.
- Involved in the usage of WebSockets, RestAPIs to communicate frontend with the backend.

Technology Stack:

- **Languages :** Java
- **Database:** MongoDB
- **Web UI Technologies:** HTML5, JavaScript
- **Java EE Application Servers:** Jetty
- **Frameworks:** Spark, Serverless
- **Cloud Platform:** AWS
- **Deployment Frameworks:** Docker
- **Build and Source Code Management:** Gradle, npm, Git
- **Project Management Tools:** Jira, Confluence, Google Docs

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Organization: TwoPiRadian Infotech Pvt Ltd.	
Project: Member Self Services	**Duration**: Feb-2018 to Jan-2021

Project Description:
This project is for the Member self-services where members can book golf or dining reservation through the Mobile App as well as Web UI.For the Mobile App part ,we have worked as Middle tier and have exposed some REST APIs and for the Web part we have worked as entire part from web to database.
We bundle and integrate comprehensive services to meet their unique requirements.

Role in Project:
- Understand the business requirement.
- Analysis and Understanding of Technical Requirements.
- Develop the Application.
- Testing.
- Designing reports.

Technology Stack:

- **Languages :** Java,
- **Framework**: Spring Boot
- **Database**: PostgreSQL

Organization: TwoPiRadian Infotech Pvt Ltd.	
Project: Automation of data loading and extracting	**Duration**: Dec-2016 to Jan-2018

Project Description:
The application dealt with extraction, transformation and load of large volumes of data across different database vendors and centralizing data in MDM Software Reltio. Snaplogic was used for this automation.

Role in Project:
- Design, develop, manage and monitor pipelines to integrate Workday Financial Management and Human Resources data with SQL server Data warehouse and other sources/targets using Snaplogic Elastic Integration iPaaS
- Designed, developed, managed and monitored pipelines to process MDM data using Snaplogic Elastic Integration iPaaS. Collected data from heterogeneous sources like followings and loaded to Reltio ,Oracle Cloud AR SaaS,Oracle HCM cloud fusion
    - flat files
    - Reltio
    - Oracle and SQL Server databases
    - SOAP and REST services
    - AWS S3
    - Active Directory
- Developed REST API layer for the Financial Management layer
- Restructured & redesigned the existing interface to enhance the performance
- Developed reconciliation report system based on end-to-end data transfer
- Developed a scripting application for performance monitoring
- Design database to support workflows
- Managed Snaplogic servers, pipelines and scheduled/triggered/Cron tasks

Technology Stack:
- **Languages** : Java, Javascript
- **Integration Technology:** Snaplogic
- **Database**: PostgreSQL, MySql

Organization: Keeves Technologies Pvt. Ltd.

Project: Siddhi ERP (Innovative Logistics)	**Duration**: Feb-2015 to Nov-2016

Project Description:
Siddhi ERP is a Integrated Supply Chain Solutions, committed to make their customers' business always 'moving ahead' while associating with them to elegantly customize the services offering. This System of supply chain services that reduce costs and increase profit potential. We bundle and integrate comprehensive services to meet their unique requirements.

Role in Project:
- Understand the business requirement.
- Analysis and Understanding of Technical Requirements.
- Develop the Application.
- Testing.
- Designing reports
- Deployed in AWS

Technology Stack:
- **Languages** : Java, Javascript
- **Framework**: Struts2
- **Database**: Ms sql

EDUCATION SUMMARY

Degree	University	Year Of Passing	Performance
B.Tech (Electronics and Communication Engineering)	WBUT	2015	8.73(DGPA)
Higher Secondary	W.B.C.H.S.E	2011	72
Madhyamik	W.B.B.S.E	2009	70

PERSONAL DETAILS

Date of Birth	08-02-1993
Nationality	Indian
Sex	Male
Marital Status	Married
Permanent Address	C/15/3 Patuli Ghosh Para, Kolkata-700094
Mobile Number	8420982123 / 8240853738
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DECLARATION

I hereby declare that the above information is correct to the best of my knowledge and belief. I have not suppressed any material or factual information in the above statement.

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(Subrata Ghosh)