Subrata Sikdar

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Career Objective

Aiming to reduce the human interaction through the technology and utilize my skills and abilities with utmost dedication and commitment while seeking further professional growth and challenging projects.

Work Experience (13 years & 3 months)

Oracle   **Nov, 2018 - Present**

Designation: Principal Member of Technical Staff

Technologies used: Java, Spring Core, Spring Boot, Jersey, Python, Flask, scikit-learn, NoSQL, SQL, Docker, JavaScript, kafka, ELK, Oracle DB, MySQL, MongoDb, Junit.

Role & Responsibility:
- As a backend developer, develop different features for Oracle Health Insurance project using Java, Helidon, Jersey, Spring Core, Hibernate, Docker, Git, python, data structures and algorithm, HLD and followed the microservice architecture, Oracle Cloud and AWS cloud.
- As a ML developer, developed features which find similar report from global service request for improvement of development using python, flask, scikit learn, deep learning, elastic db. Pandas, data structures and algorithm.
- As a backend developer developed project from scratch to create a platform where others project can be stored and viewed like git hub using NoSQL(mongoDB), Spring boot, maven, data structures and algorithm through micro service architecture.

Finastra (Misys Software Solutions (India) Pvt. Ltd.)   **Apr, 2017 – Nov,2018**

Designation: Senior Software Engineer

Technologies used: Python, Java, Spring Boot, scikit-learn, docker, apache kafka, data structures and algorithms.

Role & Responsibility: As a developer, worked in different product of Finastra like current and saving account, fixed deposit (FD) etc. with the technology of python, flask, elastic search db
Did data analysis using panda library and creating the different diagram using pyplot library.

Altimetrik India Private Limited   **July, 2015 - March, 2017**

Designation: Senior Software Engineer

Technologies used: Core Java, Spring Boot, Spring-MVC, Spring Rest, Spring Integration, Hibernate, MySQL, Maven, Rest API, jQuery, JSP, Apache Tomcat, JBoss, Jersey framework, data structures and algorithms.

Role & Responsibility:

- **Intuit** – Worked as developer for the product email transaction by using spring core, rest web service, core java, data structures, algorithm, maven, MySQL

- **Masterpass (MasterCard)** – Developing rest services for digital wallet web application, Masterpass, which is a product of MasterCard, in agile methodology by using Spring Boot, Spring Rest Template, Spring Integration, JPA and Maven-3 as a developer. It follows the micro service architecture. Horizontal scaling using micro service architecture.

Tata Consultancy Services Limited   **Mar, 2011 – Jun, 2015**

Designation: Software Engineer

Technologies used: Core Java, Struts 1.x, Spring DI, Oracle, MySQL, JavaScript, IBM WebSphere, Apache Tomcat

- **Reward details page redesign (Citi group USA):** Developed the module for Citi bank using ASDP (Citi developed product) framework which is built on top of spring DI, struts 2, spring web flow.

- **Credit Limit Increase customer experience (Citi group USA):** Developed this module as a product development for Citi bank to make it more customers friendly and more productive in a member of three members' team.

Technical Skills

- **Computer science fundamental** – Data structures and algorithms
- **Programming language:**
    * Core Java (Fluent)   * Python (Fluent)   * Golang (novice)
- **Web Framework:** Flask, Spring MVC, Spring Boot, Spring Rest, Jersey, Flask
- **ORM Framework:** Spring Data JPA, Hibernate, EclipseLink, SQLAlchemy
- **Server:** Apache tomcat 8, jBoss6, IBM WebSphere6
- **Database:** MySQL, Oracle SQL & NoSQL, Mongo Db
- **OS platform:** Unix or Linux (Fedora)
- **Design pattern:** Singleton, Factory, Adapter, Builder

Participation

- Participate to the coding challenges in **Leetcode** on the field of data structure and algorithm.
- Participated in 24 hours' hackathon to develop the product from scratch level.

Academic profile

2006 - 2010   B. Tech in **Computer Science** from West Bengal university of Technology with DGPA 7.38

2003 - 2005   Higher Secondary from West Bengal Council of Higher Secondary Education with 70%

2001 - 2003   Secondary from West Bengal Board of Secondary Education with 75.75%

Declaration

I hereby solemnly affirm that all the details provided above are true and at all the times, I shall carry myself in a manner that lends dignity to the organization and worthy enough of the person.

Reference

On request