Diptrisha Boral

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I have more than 3 years of experience in software development, with proficiency in Java and Python. I am highly motivated, a quick learner, hard-working and experienced in working in a fast-paced environment. I enjoy solving real-world problems in numerous coding challenges online.

SKILLS

- **Programming Languages :** Java, Python
- **Frameworks :** Hibernate, JDBC, Spring Boot
- **Automated Testing :** Junits for functional testing
- **Database :** Oracle SQL
- **Tools :** Yourkit (profiler), GIT, SVN, JIRA, Jenkins, Clover
- **Other :** Microservices, REST
- **Very well versed with Data Structures and Algorithms:** This is my coding performance link: **LeetCode**.

WORK EXPERIENCE

Software Engineer <div align="right">**Bangalore, India**</div>
Cerner Healthcare <div align="right">*July 2017 - June 2020*</div>

- Responsible for designing and developing healthcare applications for the Health Information Management team.
- Developed backend services with Clover coverage of 97 % using Java and Hibernate
- Worked extensively on performance improvements on the hibernate side and optimized the service more than 50%
- Developed RESTful web services for the team, with Junits using Mockito to achieve 100% code coverage.
- Successfully delivered all the enhancements and fixed major code bugs on time with quality.
- Developed multiple Proofs-of-Concepts in order to build Machine Learning capabilities in the team.
- Technology Stack - Core Java, Collections, Multithreading, Hibernate, JDBC, Agile, Maven,Junit, Spring (Basics)

Software Engineering Intern <div align="right">**Bangalore, India**</div>
Cerner Healthcare <div align="right">*Jan 2017 - Jun 2017*</div>

- Developed an android application **Appointment Scheduler** to help a patient book an appointment instantly for a specific physician around his/her nearby hospitals.
- Implemented Google location APIs to search nearby hospitals.

PROJECTS

- **Hospital Finder**
  - Worked on developing an android mobile application that helps in solving Emergency Healthcare problems by creating a network of quality First responders, Ambulance providers, and making them accessible on a single platform.

- Tech Stack used - Android, MySQL, Microservice architecture

- **Brand Revival using Twitter Sentiment Analysis**
  - Grouped the tweets of users for a particular brand into positive, negative, neutral using Tweepy and NLP toolkit.
  - Tech Stack used - Python NLP libraries.

ACADEMIC QUALIFICATIONS

Manipal Institute of Technology, Manipal
B.Tech, Computer Science & Engg, 7.13/10.0

Karnataka, India
Aug 2013 - July2017

DPS Noida
12th Grade, 85.4%

U.P, India
2011-2013

DPS Noida
10th Grade, 10 CGPA

U.P, India
2010

ACHIEVEMENTS

- Received NOTT award at Cerner healthcare for Automation tasks and carrying out proof of concepts in order uplift legacy Enterprise Java services to web services with microservice architecture.

- Top performer for ACCESS-HIM team of 20, in consecutive quarters of 2018.

- Secured the runners-up trophy out of 100 participants in Knock-em Code challenge.

- Winner at Contextual Intelligence Hackathon at Cerner out of 50 participating teams.

EXTRA-CURRICULAR

- **DevAcademy, Cerner**
  - Mentored two interns till now on their 6-week long internship.

- **First Hand Foundation, Cerner**
  - Co-organized fund-raiser activities for the underprivileged.