**Sonal Ranjan**

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**Professional Summary**

Close to **2 years** of experience in **Full Stack** Software Development with proficiency in frontend- **JavaScript, JSP, HTML, CSS** backend- **Java, Python** and relational database- **Oracle, MySQL**. Have knowledge/experience in Software Development processes like SDLC, Waterfall, Test Driven Development (TDD), Iterative and Agile Methodologies. Computer Science graduate with good knowledge of **Data Structures** and **Algorithms**, eager to contribute towards realizing organization’s vision and become its integral part.

**Work History**

**Associate Software Engineer Jan 2019 – Jan 2020**

*CGI Group Inc.*

* Part of Enterprise-IT team, involved in development of financial ERP applications (Billing, Asset Management, Time Sheet and Expense) used within CGI, using **PeopleSoft FSCM 9.2**.
* Created **UI pages** for different financial modules by using App Designer as **Frontend** language.
* Used PeopleCode as **Backend** language to process and render data in UI.
* Working through SDLC (Software Development Life Cycle) phases like Requirements Analysis, Software Design, Database Design, Implementation, Testing, Deployment and Maintenance.
* Created **SQL** **Scripts** on **Oracle** database for reporting and auditing, based on client requirement.
* While involved in Process Automation, created an **UI tool** that reduced 1 hour of daily manual effort of scheduling multiple jobs sequentially, that enabled job queuing and status tracking.
* Also supported 24x7 Oncall rotation to troubleshoot production issues, in timely manner.
* Mentored 2 junior engineers to help them quickly ramp-up in **PeopleSoft** and **SQL**.

**Volunteer Experience April 2018 – Dec 2018**

*Self Employed*

* Created a **Web Application** for generating employment opportunities within local community.
* Used **JavaScript**, **JSP**, **Servlets, HTML**, **CSS** for frontend, **Java** for backend, **Spring** as development framework and **MySQL** for database, hosted using **Apache Tomcat** server.
* Helped creating 10 new job entries by personally talking to local businesses. Also provided counseling to a group of university students about those jobs.

**Skills**

**Programming Languages**: C, C++, Java, JSP, Servlets, JavaScript, HTML, HTML5, XML, CSS, Python

**Operating Systems**: Unix, Linux, Microsoft Windows

**Database**: RDBMS – Oracle, MySQL, Hibernate, JDBC, DBMS, SQL Server

**ERP Package**: PeopleSoft FSCM 9.2, Application Designer, Application Engine, PeopleCode, SQR

**Tools &Technologies**: Spring, Spring Boot, Rest, Git, GitHub, Agile, Scrum, Jira, BMC Remedy

**Education and Certifications**

**Bhagalpur College of Engineering, India May 2014 – April 2018**

Bachelor of Technology (B.Tech), Computer Science **GPA: 8.34/10**

**Oracle Database 11g: Introduction to SQL Release 2** – *Aptech Ltd, 2016*

**Java SE7** – *IIT Bombay, 2016*