Shweta Shrestha

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SUMMARY

Passionate and highly motivated software engineer with over 6 years of experience in software development, data analysis, manipulation and implementation, and web development.

Technical Skills:

Languages: Java, Python, SQL, XML, HTML, CSS, PHP, Javascript, Native Android; **SQL**: Oracle, SQL Server, MySQL, Redis, PL/SQL; **OS**: Unix, Linux (Ubuntu); **Cloud**: Amazon AWS (S3, EMR); **Development Tools**: Git, Command-line, Intellij, Maven, Gradle

EDUCATION

Post Secondary Graduate Certificate- Database Application Developer

Seneca College, North York, Ontario   **August 2019 (Expected)**

Audacious Futures Candidate, *Canada*   **May 2019**

Bachelors of Computer Science (Certified by World Education Services)

Kathmandu University, Dhulikhel, Nepal   **October 2014**

EXPERIENCE

Senior Software Engineer

Deerwalk Services Pvt. Ltd., Kathmandu, Nepal   **May 2014 - December 2018**

- Managed standardization and modification of the existing architectural framework in Java with the use of Git and Maven.
- Automated repetitive tasks using Python and generated Data quality and Import quality reports for the Management and Executive team which was processed in Hadoop EMR clusters.
- Coordinated Extract, Transform and Load (ETL) team to implement code that manipulates US Healthcare data using development tools like Intellij, command-line in Linux Operating systems, Amazon AWS (S3 and EMR).
- Analysed data to find and debug logical implementation issues in Redis and MySQL.

    Career Highlights:

    - Increased department-wide utilization and productivity by 45%-50% with the generated quality reports.
    - Improved the existing processing performance by 60%-70% by reviewing and optimizing the existing code which utilised the Cascading Framework.
    - Mentored, supervised, and trained new hires for the development team.

Independent Android Development Consultant

TeleTalk Pvt Ltd, Kathmandu, Nepal   **August 2014 - December 2018**

- Orchestrated the following projects: Premium SMS and Sales Tracking Application, in Native Android with Gradle.

Instructor

Deerwalk Institute of Technology, Kathmandu, Nepal   **August 2016 - January 2017**

- Facilitated workshops and classes on the subjects of Compiler Design.
- Advised students and provided resources to understand the workings of a language translator.

PROJECTS

Sales Tracking Application   **October 2014**

The application registers the IMEI number of the device to the server using API.

Premium Sms   **March 2014**

Application provides assistance to subscribe or unsubscribe to various services available.

Google Competition   **December 2013**

Organised and developed a search based multi-user game for Kathmandu University KUCC IT MEET-2013.

AWARDS/RECOGNITION

Kathmandu University, Scholarship of Academic Excellence [3.95 GPA]   **January 2013**

LEADERSHIP

Deerwalk Professional Communication Club, Vice President   **January 2018 - December 2018**