# SHIPRA SONAM
## SOFTWARE DEVELOPER

## CONTACT

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## TECHNICAL SKILLS & TOOLS

◦ LANGUAGES: - PYTHON, CPP, SQL, HTML
◦ FRAMEWORKS: - DJANGO, DRF
◦ AWS WEB SERVICES: - SQS-SNS, S3
◦ DATABASES: - FIREBASE, MYSQL, PLSQL, DYNAMO DB
◦ CACHE: - MEMCACHE
◦ TECH SOLUTIONS: - GIT, JIRA, TWILIO (VIDEO PROVIDERS)
◦ DATA STRUCTURE
◦ PROBLEM SOLVING, CODE QUALITY

## EDUCATION

### Master of Technology - Computer Science
20014-2016
Graduated in Bachelor of Technology in Computer Science Engineering from MD University, Rohtak with 1st division

### Bachelor of Technology - Computer Science
2008-2012
Bachelor's in computer science from MD University, Rohtak with 1st division

## AWARDS & RECOGNITION

◦ MID TERM PERFORMANCE BONUS FOR EFFORTS TO INTEGRATE ASPIRINGMINDS & SHL PROJECTS
◦ EXCELLENCE EMPLOYEE AWARD IN MARCH 2018 IN ASPIRINGMINDS

## PROFILE

Enjoying more than 6 years of IT industry; Review the code quality and readability, constantly remain in touch with QA and PO (Product Owners) to have clear understanding of the requirements.

Improving the good code quality of existing product, documentation for the changes.

Self-motivated to automate the manual process.

## EXPERIENCE AND PROJECTS

### Software developer
### SHL India Pvt. Ltd.

🏢 March 2020 to present 📍 Gurgaon, Haryana

a) Develop RESTful based API's to create a centralized platform that helps for easy access of question bank and perform CRUD operations by end user.

b) Use Azure and googleAPI both to generate transcription in flagship project SVAR.

c) Worked on developing SVAR tool that evaluate a candidate's spoken capabilities and based on that, generate score.

d) Designed and Build RestFul Web Services for fetching Questions, Test Cases, Question Meta Data from database so to reduce the effort for building Coding Content. This was used by our clients like Amazon, Morgan Stanley and Flipkart.

e) Design and Build RestFul web services for release test module for candidate and client.

f) Part in the developing and improving of the flagship product like SVAR and codemeet.

g) Worked on adding a Distributed MemCache layer to web services to reduce the latency of web services.

h) Exposed RestFul Web Services Endpoints for Interacting with AWS Cloud Services and performing all cloud operations such as storage, consumption from AWS through a centralized end point throughout all tech teams.

### Programmer Analyst
### Aspiring minds Pvt. Ltd.(Acquired by SHL 2020)

🏢 July 2016 to Feb 2020 📍 Gurgaon, Haryana

a) Engineered a solution on improving the overall evaluation time by adding an intermediate layer of highly available No-SQL DB Dynamo-DB resulting in a reduction of evaluation time by 30%.

b) Worked on development of tools using Django and Python that drastically improved the questions release process. Implemented various features in this like user creation, question creation, updates, query generation, translation portal.

c) Improved the automatic evaluation of a program on the best practices by implementing stylistic tools. This is a unique feature that is supported by our product only in the market.

d) Worked with clients like Amazon-US to assist their hiring program using Aspiringminds' product portfolio.

e) Developed a plagiarism checker tool using Python and beautiful soup that identifies the plagiarism link for AMCAT content

### Technical Assistant
### Indian Institute of Technology, Roorkee

🏢 Oct 2012 to Oct 2013 📍 Roorkee, Haridwar