

**Gaurav Sharma**  
**Experienced Python Developer**  
**[3 years 6 months Software Development experience]**  
[9 Years 8 months Total Experience]

**Key Skillset**

- Python / Python Scripting / AI / ML Development
- Virtual Reality App Development
- Software Wireframe, Mock-up and Prototyping
- POC Arrangements and Demos
- Presentations, White Papers, Case Studies
- Proposal Authoring and Estimations
- RFP/RFQ/RFI Response
- Client Interaction

**Technology Skills**

- Python / Python Scripting and AI / ML
- Django Development
- Virtual Reality
- C++, C#
- Cloud Projects (eg. AWS)
- SMS and E-mail Technology

**Tools**

- MS Office / Open Office Suite
- Linux / Windows
- GIMP / Photoshop

**NOTE:** Changing my career from Presales Engineering to software development.

**Work Experience Details** [Worked in Mumbai, India and Noida, India]

**Software Development Experience = 3 years 6 months :**

I have created multiple python-based business applications as visible on my GitHub page: <https://github.com/gsss124>. Summary of my development experience:

Title	Company	Duration - 1 year 8 mo
<b>Freelancing</b>	Freelance / Personal Projects	<b>July 2019 - March 2021</b>

I have worked on personal AI/Machine Learning apps and Django websites and done courses on Tensorflow/Deep Learning/Django. I have experience in the following:

- 1) Data pre-processing/cleansing using pandas/sk-learn
- 2) Training model selection
- 3) Text to Speech modeling using Tensorflow/Pytorch
- 4) Speech to Text modeling using Tensorflow
- 5) Language translation/NLP modeling
- 6) Model Deployment

Sample Freelancing Projects -

- 1) Python + ffmpeg based automation pipeline for video creation and subtitling. NLP-based multi-lingual subtitles. Multi-lingual voiceover using Text to Speech Double Decoder Consistency Model (Mozilla Project).

2) Django website and REST API using Django REST Framework with token authentication, with MySQL database.

3) Kotlin application to update records in REST API using token authentication with MySQL as backend database.

I have also done Deep Learning online certificate courses:

IBM certificate: <https://courses.edx.org/certificates/16c12445b4134e7a914988a94d0e07c6>

Microsoft cert: <https://courses.edx.org/certificates/b84956ae95f74f43bf7d3041efe306d9>

Title	Company	Duration - 2 year
<b>Pre Sales Engineer</b>	<b>R Systems International</b>	<b>July 2016 - July 2018</b>

Presales Engineering to create custom software for presales tasks using python scripting and PHP deployment. Summary of 2 apps I made -

Document Lookup System for Presales using Python, PHP and PostgreSQL

Project Summary Look-up for Presales using JSON and AJAX

**Python Project Development Duration - 1 year 6 months**

Sample code on GitHub - <https://github.com/gsss124/cruxr>

Title	Company	Duration - 1 year 3 mo
<b>Presales Engineer</b>	<b>Direction Software Solutions</b>	<b>Feb 2015 - May 2016</b>

Assisting in Android software development for Android integration with dynamics CRM. Created proto-feature in Android of API integration for look-up of new record creation in MS Dynamics CRM. **Project Development Duration - 3 months**

Title	Company	Duration - 7 months
<b>SMS Solution Consultant</b>	<b>160by2</b>	<b>Feb 2010 - Aug 2010</b>

Development of Python based Open Office plugin to send multi-lingual (UTF-8) SMSes.

**Python Project Development Duration - 5 months**

**Also Published VR app:**

Published VR App	<a href="https://play.google.com/store/apps/details?id=com.Home.HiraganaOrb">https://play.google.com/store/apps/details?id=com.Home.HiraganaOrb</a>
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