

Amit Joshi

Software Developer (Python, Django, Django Rest Framework)

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GitHub: <https://github.com/joshiamit06>

Summary:

With total **6+** years of IT experience in which **3** years as a **Python developer** working with popular web technologies like **Django and Django Rest Framework (DRF)** etc. and **3** years as an **Automation Test Engineer** working with tools like **Java, Selenium WebDriver, TestNG** etc. I like working in professional and challenging environment where I can solve different client problems effectively by using and learning modern technologies and problem-solving skills.

Technologies & Skills:

- ✓ **Languages/Environments:** Python (python 3.0 and above), Java, SQL
- ✓ **Back-end technologies:** REST API, MySQL (RDBMS), Postman, Docker, AWS
- ✓ **Libraries/Frameworks:** Django, Django Rest Framework, NumPy, Pandas, Plotly, Seaborn, Matplotlib
- ✓ **Miscellaneous:** Git & GitHub/Bitbucket, pytest for unit testing, Selenium WebDriver for Integration testing

Experience:

✓ **Software Developer**

(EPAM Systems, Pune, 1.3 yrs.)

(20th Dec 2021 – *Present*)

✓ **Software Developer**

(Dassault Systems, Pune, 2.1

yrs.)

(04th Nov 2019 – 17th Dec 2021)

✓ **System Engineer**

(Tata Consultancy Services,

Pune, 3.3 yrs.)

(4th July 2016 - 24th Oct 2019)

Technical Experience:

- ✓ About **6+ years'** total work experience
- ✓ Python Development (**~3 years**) , Automation Test Engineer (**~3 years**)
- ✓ Expertise in **Python, Django** and Object-Oriented Programming.
- ✓ Building of scalable **REST-API** using Django Rest Framework, MySQL.
- ✓ Building secure **authentication & authorization** in DRF.
- ✓ Expertise in writing unit test cases (**pytest**) and integration test cases (**Selenium WebDriver**) and collaborating with QA team.
- ✓ Understanding of Jenkins and Docker like devops tools.
- ✓ Version control using **GIT** and **GitHub/GitLab**.
- ✓ Experience with SQL Databases like MySQL, SQLite.
- ✓ OOPs and **functional Programming** paradigms of development.
- ✓ Data Visualization using tools like Matplotlib, Plotly, Seaborn.
- ✓ AWS Services like EC2, RDS, S3, Lambda, IAM etc

Academics:

✓ **B. Tech** (Prod. Engg.) from

SGGS IE&T, with **8.81/10** CGPA

✓ **HSC** with **84.5 %**

✓ **SSC** with **89.64 %**

Responsibilities:

- ✓ Work with **co-operation** and **coordination** in a team for quality product delivery.
- ✓ **Collaborate** with Business, Design, and Quality Assurance while analyzing and developing features.
- ✓ **Mentor** freshly joined colleagues to understand and speed up with development skills.

Project works:

1. Google Governance, Risk and Compliance (In Epam Systems) (Dec 2021 – Present)

Technologies used: Python, Flask, Gerrit, MySQL, Kokoro(CI & CD), Pytest, Google Cloud.

Client: Google

- ✓ Developing new features.
- ✓ Created POC to determine feasibility of software requirements.
- ✓ Investigating the root cause of existing bugs and fixing them.
- ✓ Preparing **data migration scripts** in order to keep the production database intact with latest changes.
- ✓ Writing integration and unit tests to verify functionality and prevent regression.
- ✓ Refactoring of code to follow clean design principles.

2. DSxR&D Authoring – Internal Project Management and defect-tracking tool (In Dassault Systems) (Nov 2019 – Present)

Technologies used: Python, Django Rest Framework, MySQL, REST API, Django ORM, Filtering, JWT.

- ✓ Created built-in modules and reused some part of other framework to make it a robust and efficient framework.
- ✓ Creating and maintaining REST APIs using Python and DRF.
- ✓ Implemented **JWT JSON-web-token** based authentication.
- ✓ Architecture and Development of tool using Django **ORM, Pagination and Filtering**.
- ✓ Testing of tool by developing unit test cases and integration test cases.
- ✓ Writing Custom Permissions to different parts of application.
- ✓ Creating complex models with their relationships.
- ✓ Deployment and promotion of code using **Git, GitHub and Jenkins**.

3. Banking Web Application (in TCS) (July 2016 – Nov 2019)

Technologies used : Java, Selenium, TestNG, Cucumber, ALM

Client : Northern Trust

- ✓ Worked for Banking & Financial services US-based client for TCS, Pune
- ✓ The web application was for counterparty and broker management in Equity trading
- ✓ Test suite maintenance and refactoring.
- ✓ Responsible for enhancement of the framework.
- ✓ Creating Integration tests using Selenium, Java and TestNG based framework.

Personal Information:

- ✓ **Name:** Amit Suresh Joshi
 - ✓ **Date of birth:** 06th Jan 1995
 - ✓ **Permanent address:** Joshi Lane, Near Ram mandir, Majalgaon, Dist. Beed, Maharashtra-431131.
 - ✓ **Current Company:** Epam Systems, Pune.
 - ✓ **Current Residence:** Abhilasha Apartment, Chinchwad. Pune – 411033.
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