

Rachit Kumar

Senior Software Engineer

Experienced and detail-oriented Python and Java developer with a proven track record of designing, implementing, testing, and maintaining complex software solutions. Possessing a deep understanding of both Python and Java ecosystems. Proficient in designing and implementing RESTful APIs, database management, and optimizing code for performance. Strong problem-solving skills and a commitment to staying updated on the latest industry trends and technologies.



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WORK EXPERIENCE

Technical Specialist Python

Maven Wave an Eviden company

10/2021 - Present

Gurgaon, India

Achievements/Tasks

- Design and implement scalable RESTful APIs using Python and Java.
- Develop clean, efficient, and well-documented code.
- Conduct unit, integration, and system tests to ensure API reliability.
- Manage data storage and retrieval in SQL and/or NoSQL databases.
- Optimize database queries for performance.
- Implement authentication and authorization mechanisms.
- Ensure API security and compliance with best practices.
- Optimize code and database queries for efficiency.

Sr. Software Engineer

Neosoft Technologies

12/2020 - 08/2021

Noida, India

Achievements/Tasks

- Developed and maintained multiple insurance Products.
- Developed new features to get Quotes and Proposals for insurance policy.
- Integrated third party API's in a current system to get the vehicle details.
- Code Standardization: Creating the templates for classes and functions, along with reviewing the codes for PEP-8 Coding standards.
- Implemented different scaling and optimization techniques by using Celery, Django ORM, revamp DB architecture.
- Authored unit test cases with utilization of Py-test.

Software Engineer

PlanetCast Media Services Limited

12/2018 - 12/2020

Noida, India

Achievements/Tasks

- Developed web application for Encrypt video stream transportation over IP using django rest framework.
- Developed new features to packet filter API and Forward error correction.
- Developed an API's to get system health and video stream data latency and video transport stats.
- Code Standardization: Creating the templates for classes and functions, along with reviewing the codes for PEP-8 Coding standards.
- Authored unit test cases with utilization of Py-test.

Software Engineer

Cyient Limited

02/2016 - 01/2018

Noida, India

Achievements/Tasks

- Developed desktop application for GIS Data categorization using Java, Swing.
- Developed new features to categorize traffic signs images and added more categories.
- Code Standardization: Creating the templates for classes and functions.
- Authored unit test cases.

SKILLS

Python

Django Rest Framework

Java

Spring Boot

MySQL

SQL

Flask

Rest API

Data Structure

Java Script

HTML

AWS(ec2, RDS, Lambda)

GCP

Design Pattern

OOPS

GIT

Jira

PROJECTS

Recaster (SRT - Secure Reliable Transport)
(01/2019 - 12/2020)

- Developed web application for Encrypt video stream transportation over IP using django rest framework.
- Developed new features to packet filter API and Forward error correction.
- Developed an API's to get system health and video stream data latency and video transport stats
- Code Standardization: Creating the templates for classes and functions, along with reviewing the codes for PEP-8 Coding standards.

Renew Buy - Insurance Tech Product

- Developed and maintained multiple insurance Products.
- Developed new features to get Quotes API and Proposals API for insurance policy.
- Integrated third party API in a current system to get the vehicle details.

Optimizely - Python Migration

- Successfully migrated legacy code base monolith Python2.7 Project to Python3.9.
- Upgraded libraries with Python 3.9 compatibility
- Business logic changes and libraries specific changes in existing code.
- Decoupled components in monolith project and build microservices for them
- Provided support and maintenance till deployment in Higher Environments

EDUCATION

Bachelor of Computer Application
Kurukshetra University Kurukshetra

07/2012 - 07/2015
Yamunanagar, India

Higher Secondary School
B.N.D Inter College

07/2012
Saharanpur, India

Senior Secondary School
B. N. D Inter College

06/2010
Saharanpur, India