

Bhavani Shankar Rachamadugu

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Phone: +91 9441446110, 8328300692

PROFESSIONAL SUMMARY

I am working as a Software engineer with 3.3 years of relevant experience as a Python developer with DevOps experience. Developing Web-based applications as n-tier applications. Expert in developing applications using Python, Django Framework, and PostgreSQL, Experience in the implementation of CI/CD pipeline automation and deployment with various on-prem environments.

- Worked on various web applications, File Handling, Exception Handling,
- Expertise on developing ORMs for various relational databases such as PostgreSQL.
- Extensively used DJANGO technologies, which includes forms, templates and ORM for communication with databases in different forms.
- Developed various automation tools for applications using Python Coding.
- Created various modules for GIS applications using GeoDjango.
- Working on version control tools like GIT, designing branching, Merging strategies.
- Writing Reusable, Testable and Efficient code for various applications.
- Developed various tools like QA, QC, Image extraction using python for application.
- Knowledge about setting up Python REST API Framework using Django.
- Used python scripting for connecting various tools.
- Tested various APIs using postman.
- Hands-on experience in Build and Release management.
- Good Experience in implementing Continuous Integration and Continuous Delivery by using Jenkins Pipelines and working in Jenkins master slave.
- Good in performing deployments and troubleshoot application/Server related issues across all environments from DEV to Pre-Prod to Production..
- Maintaining well collaboration with different teams like DEV, QA, UAT and Troubleshooting the issues.

EDUCATIONAL SUMMARY

Degree	University	Year of Passing
B.Tech (Mechanical Engineering)	SRIT, AP	2019
Intermediate	Intermediate Board, AP	2015
SSC	SSC Board, AP	2013

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SKILLS SUMMARY

- SCM Tools : Git, GitHub and GitLab
- Scripting Language : Python, Shell Scripting
- Frame Work : Django
- CI/CD Tools : Jenkins
- Web & Application servers : Apache Tomcat
- Database : PostgreSQL, MySQL

WORK EXPERIENCE

Organization	Designation	Duration	Location
UL Technology Solution Pvt Ltd.	Developer Analyst	Oct 2019 to July 2021	Kozhikode
TCS	DevOps Engineer	Aug 2021 to Dec 2022	Hyderabad
Lendsmart.ai	Backend Engineer	Dec 2022 to Jan 2023	Chennai(Remote)

PROJECT SUMMARY

1.	Project Name: IPMS
Client	Local Self Government –Diploma (L.S.G.D.)
Role Definition	Python Developer
Organization	UL Technology Solutions Pvt Ltd, India
Technologies	Python Scripting, PostgreSQL

Key Contributions

- Worked as a Python Developer.
- Scripting for creation of tools.
- Developed various tools for ARCMAP application using python scripting.
- Involved in resolving simple and complex issues.
- Interacted with clients from scratch till deployment of the code.
- Supporting and maintenance.

2.	Project Name: Drishti
Client	Local Self Government –Diploma (L.S.G.D.)
Role Definition	Python Developer
Organization	UL Technology Solutions Pvt Ltd, India
Technologies	Django Framework, PostgreSQL, Python Programming, REST API

Key Contributions

- Designed Web Application using python and Django.

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- Developed ORM's for application
- Development of Rest API services.
- Involved in resolving simple and complex issues.
- Supporting and maintenance.

3.	Project Name: OR Sabor
Role Definition	Software Engineer
Organization	TCS

Key Contributions:

- Developed custom tools for monitoring using python.
- Developed various python scripts to perform tasks in linux server and windows servers
- Jenkins Tool to automate the Build process
- Configuring Jenkins Master and Slave Nodes. Build CI/CD pipelines.
- Infrastructure as a code.
- Implemented Ansible playbooks for deployment.
- Git to manage source code
- Integrated custom testing tool into the pipeline.
- Implemented process for release management and automated code deployment, configuration management and monitoring.
- Results are published in Grafana.
- Developed Powershell scripting.
- Maintained well collaboration with Dev and QA teams

4.	Project Name: Lendsmart
Role Definition	Backend Engineer
Organization	Lendsmart.ai

Key Contributions:

- Developed custom lambda for credit report integration.
- Developed auto tasks for loan creation.