

Barlapudi Raghunadh

Software Engineer

Python Developer offering 4.2 years of extensive experience and exceptional analytical and critical thinking skills.

Seeking Python Programmer position in a reputed company that permits me to utilize my Programming skills and knowledge.

**BARLAPUDI RAGHUNADH** 🖂**raghunadhbr@gmail.com**

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**Professional Summary:**

* I am a highly motivated and skilled technical professional with 4.2 years of IT experience in Python, Java, MySQL, and Oracle. My expertise lies in developing APIs using Python Flask web framework with MySQL database, as well as creating services, database tables, and SRS documents.
* Python: extensive experience in working with functions, modules, packages, classes, objects, and data structures.
* MySQL: proficiency in creating and managing databases, writing complex queries, and optimizing database performance.
* Java: working knowledge of Java programming language and its associated tools and frameworks.
* GitHub: hands-on experience in version control system to manage and collaborate on software development projects.
* Deployment: familiar with deployment process and techniques to deploy applications to production environment.
* Web Scrapping: knowledge of web scraping techniques to extract data from websites.
* OOPS: strong understanding of Object-Oriented Programming concepts and design patterns.
* Reporting: proficient in preparing daily, weekly status reports, and monitoring daily tasks.

**Experience:**

* Work Experience 4.2 years as Software Engineer in Gaman Software Solutions PVT LTD. Organization from March 2019 to till Present.

**Technical Skills:**

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| --- | --- | --- | --- | --- |
| * PYTHON | * MySQL | * API using Python | * Flask APIs | |
| * Postman Tool | * NumPy | * Pandas | * Machine Learning | |
| * GitHub | * Deployment |  |  |

**Professional Experience Details: (For Projects)**

**Project Name: First Pharmacy**

**Organization:** Gaman Software Solutions Private Limited

**Designation:** Software Engineer

**Tools:** PyCharm Community Edition 2021.3.1, MySQL Workbench 8.0 CE, Windows platform, POSTMAN, log4j, GIT, Heroku and GCP

**Technologies:** Python, Flask Frame work, Angular Frame work.

**Project Description:**

**First Pharmacy**: First Pharmacy is a clinical service application in which we provide services like Ambulance Booking System, Blood Bank Management, Doctor Consultation, Retail Pharmacy,

Pregnancy and Baby Care System, and other services like Vaccination Tracking Tool and Insurance Management System. In this application Patient Should is registered along with the family, for individually we provide clinical services according to their requirements in clinic as well as at home. In this Application the doctor able to see previous health records.

**Activities performed:**

1. Developed SRS Documentation to relevant Services and Created Master Database Tables in MySQL Data Base.
2. Implemented APIs in PyCharm Editor using Flask Frame work with Python Programming Language and Postman tool is used for test the API testing.
3. Interacted with Front end Developers to develop the User-friendly Application to the User.
4. Taken the valuable support and needs from the Management and higher Authorities if any modification required to implementation of the APIs.
5. Fixed the Issues Identified in Testing Phase.
6. Written Validations for the Mail ID, Phone Number, User Name and Password of the User Registration.
7. Developed the Transaction Tables and Booking Tables as per the requirement of the Front-End Developers for implement best user-friendly Application.
8. Used Flask and developed the APIs to Ambulance, Nursing, Disability, Rehabilitation, Blood Bank Services and Pharmacy Services.
9. Used MACHINE LEARNING algorithms to predict future health conditions of a patient.
10. Data Analysis and Pre-Processing using Python, NumPy, Pandas.
11. Data Visualization using Matplotlib and Seaborn and some libraries like pickle is used for generating the model.
12. Followed all the PEP - 8 Standards for Writing the Python Code.
13. Involved in design development test and implementation phases of Software Development Life Cycle (SDLC) with Agile Model.

**Project Name: Clinical First**

**Organization:** Gaman Software Solutions Private Limited

**Designation:** Software Engineer

**Tools:** PyCharm Community Edition 2021.3.1, MySQL Workbench 8.0 CE, Windows platform, POSTMAN, log4j, GIT, Heroku and GCP.

**Technologies:** Python, Flask Frame work.

**Project Description:**

**Clinical First**: Clinical First is an online pharmacy application in which we provide medicines like nutrition supplements, child nutrition, baby products, vitamins, first aid products, household products, specialty needs for diabetes and other chronic diseases. We source all our products from trusted manufacturers & distributors and sell them directly to you.

**Activities performed:**

1. Developed SRS Documentation to relevant Services and Created Master Database Tables in MySQL Data Base.
2. Implemented APIs in PyCharm Editor using Flask Frame work with Python Programming Language and Postman tool is used for test the API testing.
3. Interacted with Front end Developers to develop the User-friendly Application to the User.
4. Taken the valuable support and needs from the Management and higher Authorities if any modification required to implementation of the APIs.
5. Fixed the Issues Identified in Testing Phase.
6. Written Validations for the Mail ID, Phone Number, User Name and Password of the User Registration.
7. Developed the Transaction Tables and Booking Tables as per the requirement of the Front-End Developers for implement best user-friendly Application.

**Project Name: Integration Data Management Server (IDMS)**

**Organization:** Gaman Software Solutions Private Limited

**Designation:** Software Engineer

**Tools:** Eclipse Kepler, Apache Tomcat7, Oracle 10g, Windows platform, maven, JavaScript, log4j, GIT

**Technologies:** Java, JSP, Servlet’s, spring and Hibernate Frame works.

**Project Description:**

**Integrated Data Management Server (IDMS)**: It is a middleware enterprise application between an e-commerce client and data warehouse. It fetches data from the data warehouse and processes the data, which will be consumed by the E-commerce client, in this process for every order placed on the E-commerce application is being tracked and sent back to client, in a meanwhile Integration Data Management will get certain commission for each order. Our application is used as both client and service provider applications. It is a client for E-commerce application and we charge from that application to sell data as a Response. We use to get the data from Warehouse application and we will pay amount to it to buy data from this application.

**Activities performed:**

1. Worked for the user requirements and prepared the software functional activities.

2. Coded all the POJO’s required for this system.

3. Involved in designing view pages using Spring MVC.

4. Involved in coding DAO classes and mapping files using Hibernate 3.0.

5. Also involved in coding of all Logging Activities using Log4J Framework.

6. Participated daily in Scrum meets to discuss different issues in the project.

7. Involved in coding with REST API in Integration Layers.

**Educational Details:**

B.TECH – Computer Science **2010-2014** in Geethanjali Institute of Science & Technology from JNTU Hyderabad.

**PLACE:**

**DATE: B.RAGHUNADH**