

ARUN KUMAR REDDY MADDULETI

arunkumar.ry1@gmail.com

+91 7780497748

Professional Summary:

3+ Years of professional experience in Analysis, Design, Development and Implementation of various client-server applications using Ruby on Rails, Python.

- Experienced with full software development life-cycle, designing and architecting scalable platforms, object oriented programming, database design and agile methodologies.
- Experienced in MVC frameworks like Rails, Django, Agile.
- Experience object oriented programming (OOP) concepts using Python.
- Experienced in LAMP (Linux, Apache, MySQL, Python /PHP) Architecture.
- Experienced in Python's modules like numpy, regular expressions, collections, dates & times and OS modules.
- Experienced in developing web-based applications using Ruby, Python, Rails, Django, FLASK, XML, CSS, and HTML.
- Experience with Unit testing/ Test driven Development (TDD), Load Testing.
- Developed a fully automated continuous integration system using Git, Jenkins, MySQL, PostgreSQL and custom tools developed in Python and Bash.
- Developed the required XML Schema documents and implemented the framework for parsing XML documents.
- Hands-on experience in writing and reviewing product specifications, technical specifications, test plans and quality analysis.
- Excellent analytical and problem-solving skills with efficient time management and result oriented attitude.
- Good interpersonal, very hands on attitude and approach, Inquisitive, Self-determined to learn and improve.
- Committed to tasks and provide good results, team player and Good communication skills.
- Good Experience in Linux Perl Scripting, Shell Scripting (Bash) and following PEP Guidelines in Python.
- Experience in handling database issues and connections with SQL and NoSQL databases like MongoDB (2.6, 2.4) by installing and configuring various packages.
- Proficient in writing SQL Queries, Stored procedures, functions, packages, tables, views, triggers using relational databases like DB2, MySQL, PostgreSQL.

Technical Skill set:

Languages	Ruby, Python, Shell Scripts, PostgreSQL, MySQL, MongoDB, Javascript, HTML, CSS, XML.
Operating Systems	LINUX, UNIX, Mac OS, Windows
Frameworks	Django, Flask, Rails
Web Technologies	HTML, CSS, XML, Django.
Web Services	SOAP, REST & GRAPHQL.
Databases	MySQL Server, Postgres Server, Nosql Databases such as Mongodb.
Testing Tools	PyTest, Doc test

Professional Experience:

Client: Acube Now.

Dec 2018 to Present.

Location: - Bangalore, IND.

Role: Software Developer.

Responsibilities:

- Participated in the complete SDLC process and used Ruby on Rails to develop website functionality.
- Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript.
- Developed entire frontend and backend modules using Ruby on Rails Web Framework.
- Designed and developed data management system using PostgreSQL. Built application logic using Ruby.
- Used Rails APIs for database access.
- Used Ruby to extract information from XML files.
- Participated in requirement gathering and worked closely with the architect in designing and modeling.
- Worked on development of SQL and stored procedures on PostgreSQL.
- Integrated web services to access the payment (Razorpay Payment Gateway)
- Designed and developed a horizontally scalable APIs using Ruby on Rails.
- Designed Cassandra schema for the APIs.
- Used Capistrano for deployment in nginx server.
- Effectively communicated with the external vendors to resolve queries.
- Used GIT for the version control.

Environment: Ruby 2.5, JavaScript, Rails Framework, CSS, SQL, PostgreSQL, JQuery, Nginx web server.

Project: Mavip

July 2018 to Present

Location: - Bangalore, IND

Role: Software Developer

Responsibilities:

- Took care of the whole Middle Tier of the application interacting with the front end and the backend models.
- Worked on building image segmentation and detection AI engines.
- Created a Python/Flask based backend API's for data processing using PostgreSQL as database.
- Part of team implementing REST API's in Python using python based micro-framework called Flask with SQLAlchemy in the backend for management of data center resources on which OpenStack would be deployed.
- Python's Unit Testing library was used for testing various programs on python and other codes.
- Building and populating the database.
- Responsible debugging and troubleshooting programming related issues.

Environment: Python, Flask, PostgreSQL, REST, JSON, ReactJS, Javascript, HTML, CSS, Nginx.

Client: HPE
July 2018 to Nov 2018
Location: - Bangalore, IND
Role: Software Developer

Responsibilities:

- Developed Python based API (RESTful Web Services) to track the events and perform analysis using Flask framework.
- Migrated all the data from one management tool to the other using Python Flask API's .
- Created Python and Bash scripts to monitor & increase efficiency of operations.
- Created a Python/Flask based backend API's for data processing using PostgreSQL as database.
- Part of team implementing REST API's in Python using python based micro-framework called Flask with SQLAlchemy in the backend for management of data center resources on which OpenStack would be deployed.
- Python's Unit Testing library was used for testing various programs on python and other codes.
- To build and populate DB and to ensure the standards, the team of QA also collaborated.
- Responsible debugging and troubleshooting programming related issues.

Environment: Python, Flask, MySQL, Agile, REST, JSON.

Project: E-Learn Bot
May 2018 - July 2018
Location: Bangalore, INDIA
Role: Python Developer

Responsibilities:

- Created entire application using Python, Flask.
- Used IBM Watson Services for building the Artificial Intelligence chatbot.
- Angularjs has been used in development of the frontend part on the application.
- Developed application especially in Linux environment and familiar with all its commands.
- Improved code reuse and performance by making effective use of various design patterns.
- Creating unit test/regression test framework for working with new code.
- Construct SQL queries implementing functions, packages, views, triggers, and tables.
- Involved in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support. Maintaining the scripts using the GIT version control tool.
- Proactively worked with managers and development staff to meet project goals within expected timelines.

Environment: Python, Flask, MYSQL, Linux, Agile, HTML, CSS, Linux, Shell Scripting, IBM Watson Services

Client: MSys Learning
Sep 2017 - June 2018
Role: Software Developer

Location: Bangalore, India

Responsibilities:

- Involved designing the wireframes with design team.
- Built the web application using Ruby on Rails with PostgreSQL as the database.
- Been part of designing the flow and architecture of the whole application.
- Involved in database designing. Writing data access logic, controller logic and view implementation.
- Used Javascript, HTML, CSS, Bootstrap for the front end styling and functionalities.
- Implemented Msys Learning admin portal.
- Implemented dynamic way of changing front-end view by admin through admin portal.
- Set permissions to different types of admins having different roles.
- Used facebook plugins for comments and signup module.

Environment: Ruby on Rails, Javascript, HTML5/CSS, HTTP, PostgreSQL, Linux.

Project: Knoture Technologies

June 2016 to Aug 2017

Role: Software Developer

Location: Hyderabad, IND.

Responsibilities:

- Developed Ruby based API (RESTful Web Services) to track the events and perform analysis using Rails.
- Performed dynamic UI designing with HTML5, CSS3, less, Bootstrap, JSON and AJAX.
- Developed a E-Learning based application offering the ability to create content through an admin interface.
- Created a Ruby/Rails based web application for data processing using MySQL as database, and HTML/CSS/JavaScript for frontend development and D3 JavaScript for Data Visualization.
- To build and populate DB and to ensure the standards, the team of QA also collaborated.
- Responsible debugging and troubleshooting programming related issues.

Environment: Ruby, Rails, MySQL, Bootstrap JS, HTML5, CSS3, Agile, REST, JSON, Nginx.

Project: SoHo OMS

Jan 2016 to July 2017

Role: Software Developer

Location: Hyderabad, IND.

Responsibilities:

- Developed Ruby based API (RESTful Web Services) to track the events and perform analysis using Rails.
- Interacted with the client for gathering the requirement.
- Involved in designing the project scope and project documentation.

- Implemented major functionalities like:
- Worked in implementation of attendance tracking system.
- Implemented document sharing functionality.
- Worked on privacy controls.

Environment: Ruby, Ruby on Rails, MySQL database, JavaScript, BootStrap, HTML and CSS.

Educational Background:

Degree/ Examination	Year of passing	Board/ University	Percentage/ Grade
Bachelors in Commerce	2015	Osmania University (OU)	75.19%
Class XII	2012	Board of Intermediate Education	92.9%
Class X	2010	Board of Secondary Education	93.17%