

HENIN ROLAND KARKADA



henin.roland@gmail.com

+91 9008568565

Career Profile

- 2+ years of IT experience in **Python**, **Big Data** and **SQL** in developing and supporting applications.
- **MapR Certified Hadoop Administrator(MCHA)**
- Data warehousing implementation using **MSBI** tools such as SSIS, SSAS, SSRS and Talend.
- Good hands on experience on managing **Amazon Web Services (AWS)** resources and pricing.
- Good experience in **AGILE** methodology and handled client through daily status calls and mail.
- Developed automated tools for the team project which increased overall performance and productivity.

Software Proficiency / Skill Set

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|---------------------------|--|
| • Programming Languages | : Python, C, C#, PL/SQL |
| • Database | : Oracle, SQL Server, MySQL |
| • Big Data | : Hadoop, Flume, SQuoop, Hive, Hue, Openstack, Datadog, Ambari |
| • Cloud Computing | : Amazon Web Services, Windows Azure |
| • Version Control System | : Git, SVN |
| • Operating System | : Linux, Mac OSX, Windows family, Windows Server 2008 |
| • Web Technology | : HTML, CSS, JavaScript, AngularJS |
| • Python Tools/Frameworks | : Django, PyCharm, IDLE, Sphinx, PTVS, pylint |

Academic Qualifications

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|-----------------------------|--|
| • M.Tech (Computer Science) | : Visvesvaraya Technological University (2014), Belgaum - 71.88% |
| • B.E (Computer Science) | : Mangalore Institute of Technology (2012), Mangalore - 61.70% |

Professional Experience

- Worked as a Software Developer for **Globalsoft** from 29th Sep 2014 to 25th July 2016.
- Worked as a Project Trainee for **Philips India Ltd** from 2nd Jan 2014 to 31st July 2014

Project #1

Project Name : **BUD**

Tools/Technologies used : Hadoop, Python, Hive, MySQL, Hue, GIT, JIRA

Description: Support and analyze the Big data platform comprising of a cluster containing 35 data nodes.

Responsibilities: Analyze the Big data through use of Hive and Hue. Automated the boring tasks and developed ad-hoc scripts which helped in stabilizing the Big Data environment.

Project #2

Project Name	: Intelligent Profiler
Tools/Technologies used	: Angular JS, HTML, CSS, Python Flask, JavaScript, GIT, JIRA

Description: Application is built using IBM Watson's API, Angular JS, JavaScript, D3.js and Python Flask. Help business to understand their staff and client preferences through language analytics.

Project #3

Project Name	: Extract Load Framework (ELF)
Tools/Technologies used	: Python, Oracle 11g, PL/SQL, GIT, JIRA

Description: ELF is a metadata driven cross platform ETL tool built using python to rapidly acquire source system data into a Data warehouse. Currently support for Oracle and PostgreSQL data source systems.

Responsibilities: Automated validation of the initial directory structure and configuration files and folders, PL/SQL and Python script to populate random data into test tables. ELF end to end support for Oracle

Other Projects

- Streaming Twitter data into Hadoop using Apache **Flume** and **SQOOP**
- “**Jaws**” a command line utility to provision and view status of AWS resources using python.
- “**Build Server**” a continuous integration server built using Python.
- “**Cloud Marketing Automation**” – Campaign management services by targeting loyalty customers
- “**Airline Analytics**” – Built a data warehouse for performing business analytics.
- Content Based Image Retrieval for medical images using Python involving clustering and classification.
- “**Dynamic Query Builder**” for automatic transfer of flat files into database using C# and SQL Server.

Industrial Training/Paper Publications and Certification

- MapR Certified Hadoop Administrator **MCHA**
- Attended **PyCon** and **JSFOO** Workshop on Angular JS.
- Attended **SPARK**, a technical program held by Infosys and **IPONT** a personal development program.
- Published journals on Image Processing, Cloud Computing, Semantic Web and Cryptography

Key Competencies/Planning and Organization

- Ability to set priorities and work independently with good analytical and problem solving skills.
- Excellent communicator and Organizer of Toastmaster and Social club at Globalsoft.

Personal Details

- Languages known : English, Hindi, Kannada, Tulu
- Address : “Grace”, 5-1-64 A17, B.B Nagar, Kinnimulki, Udupi, Karnataka