

Nagaraju Vuppala

Phone:8106930370

E-mail: vpp.nagaraju1234@gmail.com

Summary

- Currently Working as a Software Engineer.
- Proficient in Python, Perl scripting, Linux, JavaScript and Web development.
- Strong understanding of REST APIs
- Key Skills: Python, Perl, JavaScript, jQuery, AJAX, REST, JSON, Unix, PHP, MySQL.

Professional Experience(7 years)

eBhasha Setu Language Services

Role: Sr. Software Engineer

September 2015 - Present

Hyderabad Area, India

- Worked in development of Machine Translation for Indian languages, used Perl for the same.
- Built Python & Perl scripts to handle text processing and to develop utilities to automate manual effort.
- Implementing server side APIs using JavaScript.
- Experience in using web services technologies like AJAX, REST, JSON.
- Experience in Using jQuery and Bootstrap for User interface.
- Designing, developing, testing web interfaces built using JavaScript, jQuery, PHP, MySQL.
- Developing many web based tools for internal use of organization.
- Proficient in writing server side PHP scripts along with MYSQL connection.

Projects Worked:

Rule based Machine Translation for Indian Languages

Roles and Responsibilities:

- Worked on Hindi to Punjabi & Hindi to Urdu Machine Translation.
- Built modules like Tokenizer, Morphological Analyzer engine, Lexical Substitution, Word generation modules.
- Converted various rules from linguists into programs to handle language ambiguity in Translation.
- Web link: <http://183.82.119.160/translate/>

Translation Platform:

Roles and Responsibilities:

- Transzaar (<https://transzaar.com/>) is a Translation platform to enable translators productivity with publishable quality.
- As a part of project built Translation Memory to search previously translated sentences.
- Built Concordance search for searching a phrase or word from a huge set of corpus.
- Terminology and Glossary Identification in a sentence.
- Developed web interface using Javascript, JQuery, Bootstrap and PHP and MySQL for back end services.

Value Labs

Role: Software Engineer

December 2014 - August 2015 (9 months)

- Programming in Perl.
- Worked as tester for Blackberry mobile devices.
- Hands on experience in tools like Jira, bug reporting and tracking.
- Agile methodology of Testing.

University of Hyderabad

Role: Programmer

October 2012 - November 2014 (2 years 2 months)

- Finding and solving bugs in current tools for languages.
- Writing Perl scripts for text processing and using in Natural Language Processing.
- Adding additional functionality to existing tools and also build new tools.
- Web Interfaces and cgi perl scripting for tools to make them available online.

Projects Worked:

Shallow Parser Tool for Indian Languages:

Roles and Responsibilities:

- Worked on Morphological Analyzer engine for Assamese, Bodo, Dogri, Gujarati, Kashmiri, Konkani, Maithili, Manipuri, Nepali, Santali, Hindi & Telugu. Website: <http://caltslab.uohyd.ac.in/caltslab/sptabt.php#>
- Worked on Indian languages converter to convert text from Unicode to WX and WX to Unicode.
- Developed web interfaces for the tools and modules developed.

Education

- Avanthi Institute of Engineering and Technology
Bachelor's degree, Computer Science · (2008 – 2012)
- Nalanda Jr College.
Intermediate (2008-2012)
- Amaravathi Grammar School
10th class · (1996 – 2006)

Personal Details

Full Name	Vuppala Nagaraju.
Father's Name	V.Bhasker.
Date of Birth	29-05-1990
Nationality	Indian.
Languages Known	English, Telugu, and Hindi.
Hobbies	Playing Cricket , gaming and Listening to Music.