

Python Developer Python Developer Python Developer - Visual Trading Systems La Crosse, WI  
Work Experience Python Developer Visual Trading Systems August 2015 to Present Developed an application that enabled programmatic access through a web frontend and Django RESTful API. This allowed customizable report requests and delivery method. Designed dashboard using HTML5, CSS and AngularJS with MySQL backend database Analyzed affiliate customer balance and commission data using R packages like ggplot2 and Shiny Built an interface and wrapper program with existing forex trading APIs to develop client-server communication using Python script

Created TCP/IP socket that handles multiple requests from different clients at the same time Automated monthly Audit Report generation using Python scripts and Task Scheduler to summarize monthly balance changes to all trading accounts on the server Wrote Python script to parse the data in HTML Trader settings file (>3MB) for better visualization Extracted data from MT4Manager API for automated database update to archive accounts through Python script. Created a wrapper using SWIG to call C functions from Python. Handled task management and issue tracking with JIRA and used GitHub for version control Software Engineering Intern June 2014 to December 2014

Frontend development using HTML5, CSS3, and JavaScript with Bootstrap framework Implemented dynamic UI with charting framework libraries like D3 and NVD3 Wrote code for the web interfaces that work flawlessly across all major browsers Built a CSS library and JavaScript files to improve reusability across the website to boost the productivity and maintain design consistency Created user database with MongoDB and connected through Java Developed an error monitoring system with Java in Ubuntu 14.04 that alerts the admin by message and email in case of error in crypto-currency transactions Senior Software Engineer iGATE Global Solutions - IN January 2011 to July 2013 Updated the banking applications in Visual Studio for monthly statements using C# in .NET framework Performed enhancement, testing, and debugging on a web based application Analyzed assembler codes and converted them into mainframe codes such as COBOL and CICS Honored with the Executive's Choice Award at iGATE Global Solutions for the architectural changes in the complex program and on time delivery; selected from 64 nominations Education Master of Science in Computer Science New York University May 2015

Bachelor of Science in Information Technology University of Mumbai - Mumbai, Maharashtra May 2010 Skills C# (2 years), COBOL (2 years), CSS (2 years), HTML5 (2 years), DJANGO (2 years), Python (2 years) Certifications/Licenses Object Oriented Programming in Java Present University of California, San Diego on Coursera K3H4FLLZT5LD Python Data Structures Present University of Michigan on Coursera ZX6YR6WVC8TB R Programming Present Johns Hopkins University on Coursera ESE4Z7SL23T5 Additional Information Technical Skills Programming Languages Python, Java, C#, R, Assembler, COBOL Web Development HTML5, JQuery, CSS, JavaScript, ASP.NET, Django Databases MySQL, Amazon RDS, S3, SQLite3, MongoDB Online Certifications Course Institution Certificate Object Oriented Programming in Java University of California, San Diego on Coursera K3H4FLLZT5LD Getting Started with Python University of Michigan on Coursera DF22VLPK8BAK Python Data Structures University of Michigan on Coursera ZX6YR6WVC8TB R Programming Johns Hopkins University on Coursera ESE4Z7SL23T5 LinkedIn: <https://www.linkedin.com/in/niralisupe> GitHub: <https://github.com/NiraliSupe>

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