SIVA VENKATA PRASAD PATTA

Python Full Stack Developer

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PROFILE

- A Professional developer with experience in programming and cloud-based development.
- Have working experience with Html, CSS, JavaScript, Python, Django, and React.
- Hands on experience with Frontend and Backend development. Profound knowledge in Linux system administration and python scripting. A solid foundation on DevOps technologies with configuration management tools like Puppet and Ansible.
- Hands on experience on simulating project on AWS and virtual environment for network testing and penetration testing.
- Good experience in developing web applications implementing MVT/MVC architecture using Django and Flask frameworks.
- Contributed to all stages of the software development life cycle (SDLC) beginning from initiation and definition of deployment and support. Highly knowledgeable on integration and automation using Docker container, virtualization using Jenkins.
- Good documentation skills with the ability to meet project deadlines and has the ability to work in a cross functional environment.
- Seeking to induce my invincible desire to learn, improve and develop myself and my work environment of an organization with a similar field of interest and working areas. Always willing to relocate with new challenges and environments.

EXPERIENCE

Aug2020 – Present

Full Stack Python Developer | One Planet Rating, *Sweden*.
- OPR is a Web-based Travel services start-up in Sweden.
- Being a developer in a start-up, I got excellent opportunities to learn various technologies and get to be working on both Frontend and Backend development.
- Worked in a developing team of OPR new Website and Data Integration.
- Integrated data from previous website with various back-end services and MySQL/PostgreSQL databases.
- Involved in developing HTML/CSS and JavaScript for website front end to make it more responsive and user friendly.
- As a backend developer I also involved in designing of Django forms for database models.
- Technologies used for web development Python, Django Framework, REST API, Html/CSS, JavaScript.
- Used Subversion control tool to coordinate team-development.

Jan 2020 –Jul 2020

Mobile Application Developer | One Planet Rating, *Sweden*.
- Work as part of a team as well as working autonomously.
- Contribute to improvements to the App Development for both Android and iPhone.
- Developing, documenting, and testing case management solutions.
- Deploying applications, monitoring their performance and maintaining them in production.
- Technologies used for development React Native, Redux, JavaScript, Python, Android studio, Apple XCode, iTunes Connect, Visual Studio App Centre (mobile Devops).
- Coordinated and delegated team tasks and monitored completion to drive efficiency.

Mar 2018 – Aug 2018

Python Developer | Krify Software Technologies Private Limited, *India*.
- I have done my internship on "DATA ANALYTICS & MACHINE LEARNING" using PYTHON language.
- During this period, I learned to develop artificial neural networks using TensorFlow and Keras.
- Designed and Evaluated A/B tests using T-tests and P-Values. Classified data using K-means clustering, Support vector machines (SVM), KNN, Decision Trees, Navie Bayes, and PCA.
- Using K-means clustering, I developed a model that can record and analyze Stock values of selected time to predict the future possible outcome.

May 2016 – Nov 2016

Software Craftmanship Trainee | Softhouse Consulting, *Sweden*.
- Worked as "Software Craftsman" under the project "Partnership for industries and international students" in collaboration with Blekinge Tekniska Högskola.
- Worked with a Scrum team of 6 members.
- Development and testing of an online examination portal, in an agile environment.
- Tools and technologies such as AngularJs, H2 (database), RESTfuI API are used.

May 2016 – Nov 2016

Intern | WEGILANT SINE IIT, *India*.
- Participated in web Development and Networking workshops conducted by WEGLINAT SINE IIT – Mumbai.
- I was part of a testing team, learning to test HTML and CSS websites.

EDUCATION

M.s Computer Science | BLEKINGE TEKNISKA HÖGSKOLA, *Sweden*

Jan 2015 – May 2017

- Master's in computer science helped me understand topics like Research methodology, Parallel Programming, Game agent development with artificial intelligence, Project management using Agile-scrum methodologies, Software Security, and Cloud security concepts.

B. Tech Computer Science and Engineering | JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, *Kakinada*

Aug 2011 – Nov 2014

- Bachelor's helped me to understand computer science concepts like C, Object – Oriented programming through Java, Data structures, UML, Web development, Computer networks, Database management, Data mining and warehousing, and Cloud services, Java mobile application development.

SKILL SET

Programming Skills	
Python	★★★★☆
Django	★★★☆☆
Html/CSS	★★★☆☆
JavaScript	★★★☆☆
C	★★★★☆
React	★★☆☆☆

Languages Skills	
English	Professional
Hindi	Fluent
Swedish	Basic

Technical Skills

Technologies	Django Framework, REST API, React-native, JavaScript/ES6. JSON, jQuery.
Programming tools	Visual Studio, PyCharm, Android Studio, TestFlight, XCode, Eclipse, Apache tomcat.
Database	MySQL, MongoDB
Automation/Testing tools	Selenium, Junit.
Operating Systems	Windows server 2016, Linux, UBUNTU, Unix.
Development and Testing Platforms	Git, Bitbucket.
Virtualization and tools	VMware, AWS, Docker, Jenkins.
Configuration Management Tools	Puppet

PROJETS

Ensuring Distributed Accountability for Data Sharing in the Cloud | JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, *Kakinada*

Jun 2014 – Nov 2014

- An object-oriented approach had been used to create JAR files that contain log data, user data and the policies of the users.

A Mobile Phone based Intelligent Scoring Approach for Assessment of Critical Illness | BLEKINGE TEKNISKA HÖGSKOLA, *Sweden*

Nov 2015 – Jan 2016

- A Simulated experiment that has been carried out using Apache Tomcat server and Json libraries to locate the spot of emergency, when the agent is contacted using a mobile application.

Intelligent Decision Support for Compliance Options | BLEKINGE TEKNISKA HÖGSKOLA, *Sweden*

Oct 2018 – June 2019

- I worked on developing a web-based simulation experiment that can record the container and cargo details in a port and Using Decision support system, the recorded values are compared for any data tampering and later processed for shipping.
- MySQL database is used to save the recorded values and web simulation is carried out in NetBeans using Apache Tomcat 8.0 web server.

STRENGTHS

- Team Player
- Time Management
- Decision Making

- Leadership Skills
- Communication
- Adaptable & Creative

- Able to work under pressure
- Problem Solving
- Conflict Resolution
- Project Management

REFERENCES

Available on Request.