

# Satya Sai Vineeth Guna

Vaishnavi Residency, Flat No: 105,  
Nizampet Road, J.N.T.U P.O  
Hyderabad-500085, Andhra Pradesh.

**Email-ID:** [vineeth.guna@gmail.com](mailto:vineeth.guna@gmail.com)  
**Mobile No:** +91 8790134368  
**GitHub:** <https://github.com/vineethguna>

---

## QUALIFICATIONS

- A deep understanding of how Distributed systems and web services work and which architecture will improve their efficiency.
- Strong foundation in design patterns, coding principles and test driven development.
- Good experience on designing and creating infrastructure for applications on the Cloud while keeping in mind the essential principals of *High Availability, Scalability, Resiliency, Security and Monitoring*.
- High Collaboration skills across application, platform and support teams for troubleshooting, gathering requirements to deliver the best possible output.

## WORK EXPERIENCE

- **Adobe Systems India Private Limited** **November 2016 – Present**  
**Member of Technical Staff 2**  
Currently working as a developer on a **low latency high throughput distributed system** which enables collaborative real time editing capabilities across Adobe Products.  
Also responsible for development of a **cluster manager** which manages the lifecycle of all the nodes used by the above mentioned distributed system.
- **Salesforce.com India Private Limited** **April 2016 – October 2016**  
**Associate Member of Technical Staff**  
I am responsible for patching all the vulnerabilities across the entire salesforce.com infrastructure without a downtime. This includes automating the entire process as the scale of operation is enormous. I also contributed to a POC on Docker and Kubernetes
- **Kony India Private Limited** **June 2014 – March 2016**  
**Software Development Engineer**  
Designed infrastructure and the physical architecture for **Mobile application development platform (MADP)** on the cloud. To allow users to access MADP on cloud I have significantly contributed to building the storages, cache servers and DNS systems on AWS cloud. The entire system is automated and runs with the least possible human intervention.
- **Kony India Private Limited** **December 2013 – May 2014**  
**Software Development Intern**  
I was one of the first members of Cloud Foundation Team at Kony. In this role I collaborated with the offshore team in Ukraine to create the DevOps team in India for Kony Cloud. During this time I have gained proficiency in **Amazon Web Services**, Configuration Management System **Chef**, Understanding Monitoring Systems and Continuous Integration tools like **Teamcity**.
- **Mission R&D Summer School** **May 2013 – June 2013**  
Trained by industry professionals from Microsoft, Oracle on writing tight code, product development and designing systems. Some of these include:
  - **Expression Evaluator:** It is a mini interpreter which stores data in variables and can evaluates the expression and gives result.
  - **Forums Project:** Implemented a Forum using Python where users can add categories, questions, post replies to questions. The key features of this project are 1) Client-Server communication through sockets or REST interface; 2) Memory manager which caches data based on frequent access; 3) A 1GB binary file is used as a file system where we can store forum data.

## TECHNICAL SKILL SET

- Programming Languages : JAVA, Python, C, C++, Ruby
- Scripting Languages : Shell, JavaScript, HTML, CSS
- Deployment Systems : Docker, Ansible, Chef
- Cloud Services : Amazon Web Services, Heroku

## SIDE PROJECTS

- **Chef Infra:** This is my college project, it is a tool which eases the creation and configuration of cloud servers, virtual servers and physical servers using Chef. It is integrated with AWS and VMware. You just need to mention what all installation to take place on the server (Ex: Tomcat, apache2) and the tool takes care of creating the server and configuring the required software's using chef.
- **Project Submission Tool:** This is a submission tool created for MissionR&D through which students can submit the assignments. This tool acts as an interface to get the content given by instructors to the students and also for students and mentors to get the code from the students and evaluate it. Played an important role in design of SDK layer and UI layer for the tool.
- **Table as a Service Prototype:** This is a web service prototype through which you can define your objects and also create relations between the objects. At the backend the required tables are created in the database and also the relationships are created by the web service.
- **To-do Android App:** A To-do list app using which you can track your check list items to be done. This app creates the check list items by calling the REST API which is written in Python and hosted on Heroku.
- **Forums Project:** Implemented a Forum using **Python** where users can add categories, questions, post replies to questions. The key features of this project are 1) Client-Server communication through sockets or REST interface; 2) Memory manager which caches data based on frequent access; 3) A 1GB binary file is used as a file system where we can store forum data.
- **Friend-Foe Selector:** This project gave me the insights of **PHP** as well as the **API's** of Facebook. This application was developed in PHP and Graph API which gives your friend and foe name based on the selected criteria.

## EDUCATION

- **Bachelor of Technology, Computer Science and Engineering** **2014**  
Padmasri Dr B V Raju Institute of Technology, Medak affiliated to Jawaharlal Nehru Technological University, Hyderabad.  
Percentage – 80%
- **Class 12** **2010**  
Sri Chaitanya Junior College, Kukatpally, Hyderabad affiliated to Board of Intermediate Education, AP.  
Percentage – 92.9%
- **Class 10** **2008**  
Vignan Vidyalayam, Nizampet, Hyderabad affiliated to State Board of Secondary Education, AP.  
Percentage – 89%

## ACHIEVEMENTS and CERTIFICATIONS

- **Kudos Award** from Adobe Systems India Private Limited for work on Live Editing Services.
- **Award of Excellence** from Kony India Private Limited for Keeping the Kony Cloud Stable, Up and Running.
- **Best Student Project Award** for “Chef Infra” from Tata Consultancy Services (TCS).
- Certification from Coursera in “**Programming Cloud Services for Android Handheld Systems.**”