

# Shekhar Prasad Rajak



shekharrajak@live.com



+91-8142478937



<http://s-hacker.info/>

## Education

B.Tech Computer Science and Engineering, NIT Warangal | 2013-17

## Skills

Languages: Ruby, Python, java, Cpp, C

WebDev : HTML, CSS, Angular 4/5/6/7, Node.js, Spring boot web application

Other: Git, SVN, Docker, Jenkins, Travis, Kafka message bus

Certifications:

- Full Stack Developer
- Google Summer of code Student Developer 2016 (SymPy) & 2017 (SciRuby)

## Extra-Curricular

- Contributor & GSoC 2019 Admin @ SciRuby
  - Schedule meetings & helps newbie, review PRs.
  - Responsible for GSoC 2019 SciRuby application and Student application review
- Member of Web and Software Development Cell (WSDC) NIT Warangal 2015-16
- Rated Chess player in chess.com
- Winner of Vedic Mathematics competition(district level) during school days
- ISKCON (international Society for Krishna Consciousness) attended 3 sessions
- Training at NIT Surathkal on Web development - 2014 Summer

## Work Experience and Internships

- Since Dec'18 Software Developer Modak Analytics, Hyderabad  
Building a system for optimal genomic data analysis and data processing.
- July'17-Dec'18 Associate Software Engineer CGI Group India, Bengaluru  
- Designed & built web application for Promotion Automation project.  
- Worked on product called Continuous Deployment Dashboard during training [Slide for this project]
- Summer'17 Google Summer of Code SciRuby  
Designed and built a Ruby library called daru-view *Data Visualization in Ruby* using powerful javascript library - GoogleCharts, HighCharts, DataTables, D3.js
- Summer'16 Google Summer of Code SymPy  
Worked on Solvers module of SymPy *Python library for symbolic mathematics*. Most of the work was around Solveset module.
- Summer'18-19 GSoC Org Admin and Mentor SciRuby, Python-Hydrus  
Mentored 3 projects in GSoC'18. Got an opportunity to work as Org admin for SciRuby in 2019 and mentored the students selected under SciRuby, SymPy

## Open Source Projects and Contributions

- Since Jan'17 Active contributor and maintainer-SciRuby repository SciRuby  
GSoC 2019 Admin for Ruby Science foundation and maintaining few repository - daru *Data Analysis in Ruby*, daru-view *Data Visualization in Ruby* gem
- Since Dec'15 Active contributor SymPy  
Worked in SymPy solvers module- mostly solveset, *which ensure the all the solutions of equations and system of equations*.
- Jan-Feb'17 Contributor Bundler  
4 Patches(PRs) in bundler github repository. Worked on bundle inject command and plugin uninstallation.
- Since 2015 Active in Github  
All the open source projects and my commits can be found in [github/Shekharrajak/repos](https://github.com/Shekharrajak) where I used PHP-Codeigniter, Django-Python, NoSQL databases, meteor js, Angular, Node.js  
• Blog post designed and built using Jekyll • Personal site • Github Repo Manager: Angular 4 App using Github API

## Achievements

- 2012 Board topper - Class 12th  
Chhattisgarh Board of Secondary Education (CGBSE) 2012 topper. Recieved GOLD Medal for Mathematics stream topper and overall topper in class 12th.
- 2010 In top 15 students list - Class 10th  
Chhattisgarh Board of Secondary Education (CGBSE) 2010
- 2012-2017 Scholarships  
Scholarship by Education minister Chhattisgarh to top 10 students and by Chhattisgarh Government during UnderGraduate program(2013-17)

## Conferences

- PyCon India'17 Workshop on SymPy and SymEngine  
Shekharrajak/blog/PyCon-India-Delhi
- RubyConf India'18 Lightening talk SciRuby/daru-view  
shekharrajak/blog/RubyConf-India-Bangalore