Shekhar Prasad Rajak

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 @Shekharrajak

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 ——

• Open Source Project Contributor & GSoC 2019 Admin @ SciRuby - 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

Conferences ———

• PyCon India'17 - Workshop on SymPy and SymEngine

• RubyConf India'18 - Lightening talk on SciRuby/daru-view library

Work Experience and Internships

Since Dec'18   Software Developer   Modak Analytics, Hyderabad
Working on a system for optimal genomic data analysis and data processing using ADAM tool.

July'17-Dec'18 Associate Software Engineer   CGI Group India, Bengaluru
- Designed & built web application using Angular 4, NodeJS, MYSQL.
- Worked on product called Continuous Deployment Dashboard during training program using Spring boot, Angular 4.

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. GSoC 2017 - report

Summer'16   Google Summer of Code   SymPy
Worked on Solvers module of SymPy *Python library for symbolic mathematics*. GSoC 2016 - report

Summer'18-19 GSoC Org Admin and Mentor   SciRuby, Python-Hydrus
Mentored 3 projects in GSoC'18 under SciRuby, Python-Hydrus. 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 SciRuby repository - daru *Data Analysis in Ruby*, daru-view *Data Visualization in Ruby* gem

Since Dec'15   Active contributor and maintainer - SymPy repository   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 bunlder github repository. Worked on bundle inject command and plugin uninstallation.

Since 2015   Active in Github and used to commit often in Open Source projects
All the open source projects and my commits can be found in github/Shekharrajak/repos 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 Scholorships
Scholarship by Education minister Chhattisgarh to top 10 students and by Chhattisgarh Government during UnderGraduate program(2013-17)